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(NOTE. The date after each name indicates the expiration of term of office.)

*Faculty of Political Science.* Professor SELIGMAN, *Chairman of Committee on Instruction*; Professor MUNROE SMITH (1919); Professor DUNNING (1920).

*Faculty of Philosophy.* Professor A. H. THORNDIKE, *Chairman of Committee on Instruction*; Professor FLETCHER (1919); Professor KRAPP, substitute; Professor DEWEY (1920).

*Faculty of Pure Science.* Professor PEGRAM, *Chairman of Committee on Instruction*; Professor BOGERT (1919); Professor SHERMAN, substitute; Professor HARPER (1920).

*Faculty of Columbia College.* Professor HAWKES (1919); Professor HAYES, substitute; Professor ERSKINE (1920); Professor KEYSER, substitute.

*Faculty of Law.* Professor CANFIELD (1919); Professor GIFFORD (1920).

*Faculty of Medicine.* Professor LEE (1919); Professor WOOD (1920).

*Faculty of Applied Science.* Professor LUCKE (1919); Professor TUCKER (1920); Professor WENDELL, substitute.

*Faculty of Barnard College.* Professor RICHARDS (1918).

*Faculty of Education.* Professor LODGE (1919); Professor PAUL MONROE (1920).

*Faculty of Practical Arts.* Professor BIGELOW (1918), Professor BONSER (1920).

*Union Theological Seminary.* President MCGIFFERT.

*General Theological Seminary.* Dean FOSBROKE.

## OFFICERS OF ADMINISTRATION

NICHOLAS MURRAY BUTLER, PH.D., JUR.D., LL.D., D.LITT. *President of the University*  
 FREDERICK J. E. WOODBRIDGE, A.M., LL.D.

*Dean of the Faculties of Political Science, Philosophy, and Pure Science*

† FREDERICK PAUL KEPPEL, A.B., D.LITT. . . . . *Dean of Columbia College*

HERBERT E. HAWKES, PH.D. . . . . *Acting Dean of Columbia College*

*Assistants to Dean of Columbia College:*

† LEWIS P. SICELOFF, PH.D. . . . . *Assistant Professor of Mathematics*

RALPH E. MAYER, C.E. . . . . *Associate Professor of Engineering Drafting*

JOHN M. NELSON, PH.D. . . . . *Associate Professor of Organic Chemistry*

† DEAN S. FANSLER, PH.D. . . . . *Assistant Professor of English*

† PARKER T. MOON, B.S. . . . . *Instructor in History*

BENJAMIN B. KENDRICK, PH.D. . . . . *Assistant Professor of History*

HARRISON R. STEEVES, PH.D. . . . . *Assistant Professor of English*

GEORGE B. PEGRAM, PH.D. . . . . *Acting Dean of the Faculty of Applied Science*

HARLAN F. STONE, A.M., LL.B. . . . . *Dean of the Faculty of Law*

SAMUEL W. LAMBERT, M.D. . . . . *Dean of the Faculty of Medicine*

VIRGINIA C. GILDERSLEEVE, PH.D. . . . . *Dean of Barnard College*

JAMES EARL RUSSELL, PH.D., LL.D. . . . . *Dean of Teachers College*

HENRY H. RUSBY, M.D. . . . . *Dean of the College of Pharmacy*

GEORGE C. DIEKMAN, M.D. . . . . *Associate Dean of the College of Pharmacy*

WILLIAM H. CARPENTER, PH.D.

*Provost of the University and Acting Director of the School of Architecture*

WILLIAM T. BREWSTER, A.M. . . . . *Provost of Barnard College*

JAMES C. EGBERT, PH.D. . . . . *Director of the Summer Session, of Extension Teaching,  
of the School of Business, and of the School of Dentistry*

TALCOTT WILLIAMS, LL.D., L.H.D., D.LITT. . . . . *Director of the School of Journalism*

JOHN W. CUNLIFFE, M.A., D.LITT. . . . . *Associate Director of the School of Journalism*

ADAM LEROY JONES, PH.D. . . . . *Director of University Admissions*

WILHELM A. BRAUN, PH.D. . . . . *Director of the Deutsches Haus*

BLANCHE PRENEZ . . . . . *Secretary of the Maison Française*

FRANK DIEHL FACKENTHAL, A.B. . . . . *Secretary of the University*

KATHARINE S. DOTY, A.M. . . . . *Secretary of Barnard College*

CLIFFORD BREWSTER UPTON, A.M. . . . . *Secretary of Teachers College*

WALTER B. SIMPSON . . . . . *Clerk of the College of Pharmacy*

WALTER R. MOHR, B.S. . . . . *Chief Clerk of the University*

[Resigned April 30, 1918]

HELEN C. WADSWORTH . . . . . *Recorder*

CORNELIA P. MACY . . . . . *Recorder*

ELIZABETH H. WHEELER . . . . . *Recorder of the Medical School*

ISABELLE L. PRATT . . . . . *Recorder of Teachers College*

FRANK A. DICKEY, A.B. . . . . *Registrar of the University*

EDWARD J. GRANT, A.B. . . . . *Assistant Registrar*

EDWARD K. HAYT, A.M.

*Assistant Registrar and Assistant Bursar at the Medical School*

† Absent on leave for national service.

ANNA E. H. MEYER, A.B.	Registrar of Barnard College
FLORENCE E. PECK, A.B.	Registrar of Teachers College
CHARLES S. DANIELSON	Bursar of the University
Mrs. N. W. LIGGETT, A.B.	Bursar of Barnard College
CYRUS HURLBURT POMEROY	Bursar of Teachers College
WILLIAM H. CARPENTER, PH.D.	Acting Librarian of the University
† ROGER HOWSON, M.A.	Assistant Librarian
FREDERICK C. HICKS, A.M., LL.B.	Law Librarian
JOHN R. CRAWFORD, A.M.	Librarian of the Avery Library
ISADORE G. MUDGE, Ph.B., B.L.S.	Reference Librarian
FREDERIC W. ERB, Ph.B.	Supervisor Loan Department
FRANK C. ERB	Supervisor Shelf Department
HARRIET B. PRESCOTT	Supervisor Catalogue Department
DORIS WILBER	Supervisor Accessions Department
ELIZABETH G. BALDWIN	Librarian of Teachers College
ALFRED L. ROBERT	Librarian of the Medical School
EMMA D. LEE	Librarian Applied Science Library
FELICIU N. VEXLER, A.M.	Librarian School of Philosophy
† M. FLORENCE WILSON	Librarian Natural Science Libraries
MARY A. COOK	Librarian School of Journalism
RALPH F. MILLER	Librarian of Columbia College
BERTHA L. ROCKWELL	Librarian of Barnard College
FREDERICK ARTHUR GOETZE, M.Sc.	Comptroller
HENRY LEE NORRIS, M.E.	Superintendent of Buildings and Grounds
Rev. RAYMOND C. KNOX, S.T.D.	Chaplain of the University
† GEORGE LOUIS MEYLAN, A.M., M.D.	Medical Director of the Gymnasium
CHARLES T. MCFARLANE, Pd.D.	Controller of Teachers College
WILLIAM H. MCCASTLINE, M.D.	University Medical Officer
EMMA P. SMITH, Ph.D.	Adviser to Women Graduate Students
THOMAS D. WOOD, A.M., M.D.	College Physician at Teachers College
LUCETTA DANIELL	Social Director, Teachers College
CLARE M. HOWARD, Ph.D.	Adviser to Women Students in the School of Journalism
GULIELMA F. ALSOP, M.D.	College Physician at Barnard College
† MARY A. PATCHIN, A.M.	Director of Religious and Philanthropic Work at Barnard College

Officers of Administration 70 (34 of whom are also members of the Faculties and the teaching staff).

#### OFFICERS NOT IN ACTIVE SERVICE

JOHN D. QUACKENBOS, A.M., M.D.	<i>Emeritus Professor of Rhetoric</i>
ABRAHAM JACOBI, M.D., LL.D.	<i>Emeritus Professor of Diseases of Children</i>
GEORGE M. LEFFERTS, M.D., M.Sc.	<i>Emeritus Professor of Laryngology</i>
ARTHUR H. ELLIOTT, Ph.D., F.C.S.	<i>Emeritus Professor of Chemistry</i> (College of Pharmacy)
FREDERICK R. HUTTON, E.M., Ph.D., Sc.D.	<i>Emeritus Professor of Mechanical Engineering</i>
ROBERT F. WEIR, M.D.	<i>Emeritus Professor of Surgery</i>
GEORGE F. FISHER	<i>Bursar</i>
T. MITCHELL PRUDDEN, M.D., LL.D.	<i>Emeritus Professor of Pathology</i>

† Absent on leave for national service.

<sup>1</sup> Absent on Sabbatical leave.



JAMES S. C. WELLS, Ph.D. . . . . *Assistant Professor of Analytical Chemistry*  
 ALEXIS A. JULIEN, Ph.D. . . . . *Curator in Geology*  
 C. ALEXANDER NELSON . . . . . *Assistant Librarian*  
 MARGARET VAN ZANDT . . . . . *Assistant Librarian*  
 CHARLES F. CHANDLER, M.D., LL.D., Sc.D., *Mitchill Professor Emeritus of Chemistry*  
 VIRGIL COBLENTZ, Ph.D. . . *Emeritus Professor of Chemistry (College of Pharmacy)*  
 JOHN W. BURGESS, Ph.D., LL.D., Jur.D.

*Emeritus Professor of Political Science and Constitutional Law*

HENRY M. HOWE, A.M., LL.D., Sc.D. . . . . *Emeritus Professor of Metallurgy*  
 HENRY S. MUNROE, E.M., Ph.D., Sc.D. . . . . *Emeritus Professor of Mining*  
 M. ALLEN STARR, M.D., LL.D., Sc.D. . . . . *Emeritus Professor of Neurology*  
 SAMUEL T. DUTTON, LL.D. . . . . *Professor of School Administration in Teachers College*  
 FRANCIS M. BURDICK, LL.B., LL.D. . . . . *Emeritus Professor of Law*  
 GEORGE W. KIRCHWEY, LL.D. . . . . *Kent Professor of Law*  
 ADOLPHE COHN, A.M., LL.B. . . *Professor of the Romance Languages and Literatures*  
 WILLIAM H. BURR, C.E. . . . . *Emeritus Professor of Civil Engineering*  
 WILLIAM MILLIGAN SLOANE, L.H.D., LL.D. . . . *Seth Low Professor of History*  
 HENRY S. REDFIELD, LL.D. . . . . *Nash Professor of Law*  
 EDWARD R. SMITH, A.B. . . . . *Reference Librarian*  
 RICHARD E. DODGE, A.M. . . . *Emeritus Professor of Geography (Teachers College)*  
 JAMES F. KEMP, LL.D., Sc.D. . . . . *Professor of Geology*  
 JULIUS SACHS, Ph.D. . . . . *Emeritus Professor of Education (Teachers College)*  
 FRIEDRICH HIRTH, Ph.D. . . . . *Dean Lung Professor of Chinese*

(30)

ADMINISTRATIVE BOARD OF THE SUMMER SESSION

(Term expires June 30, 1919)

Director EGBERT	Professor A. H. THORNDIKE
Dean WOODBRIDGE	Professor ZINSSER
Dean GILDERSLEEVE	Professor BIGELOW

(7)

Professor MONROE

ADMINISTRATIVE BOARD OF EXTENSION TEACHING

(Term expires June 30, 1919)

Director EGBERT	Dean GILDERSLEEVE
Dean WOODBRIDGE	Professor HAYES
Dean KEPPEL	Professor STOWELL

(7)

Professor BIGELOW

ADMINISTRATIVE BOARD ON INSTRUCTION AND RESEARCH IN AGRICULTURE

Professor O. S. MORGAN, <i>Chairman</i>	Professor CURTIS
Professor EGBERT	<sup>1</sup> Professor MUSSEY
Professor LOVELL	Professor HARPER
Professor H. C. SHERMAN	Hon. A. S. DOWNING

(8)

ADMINISTRATIVE BOARD OF THE SCHOOL OF JOURNALISM

(Term expires June 30, 1918)

President BUTLER	Professor SEAGER
Dean KEPPEL	Professor BROWN
Director WILLIAMS	Professor A. H. THORNDIKE
Associate Director CUNLIFFE	Professor PITKIN

(8)

<sup>1</sup>Resigned February 1, 1918

## OFFICERS OF ADMINISTRATION

## ADMINISTRATIVE BOARD OF THE SCHOOL OF ARCHITECTURE

(Term expires June 30, 1920)

Acting Director CARPENTER

Professor HAMLIN	Professor BORING
Professor HARRIMAN	Secretary FACKENTHAL
(6)	Professor WARREN

## ADMINISTRATIVE BOARD OF THE SCHOOL OF BUSINESS

(Term expires February 1, 1919)

Director EGBERT	Mr. GOETZE
Dean WOODBRIDGE	Dean GILDERSLEEVE
Dean KEPPEL	Professor SELIGMAN
(7)	Professor MCBAIN

## ADMINISTRATIVE BOARD OF THE SCHOOL OF DENTISTRY

(Term expires June 30, 1920)

Director EGBERT	Professor ZINSSER
Dean LAMBERT	Professor F. C. WOOD
Professor GIES	Professor GILLET
(7)	Professor H. S. DUNNING

## ADMINISTRATIVE BOARD OF RELIGIOUS AND SOCIAL WORK

(Term expires June 30, 1920)

Chaplain KNOX	Professor ERSKINE
Professor HAMLIN	Professor BRAUN
Dean WOODBRIDGE	Professor HAWKES
(7)	Professor VAN ARSDALE

## ADMINISTRATIVE BOARD OF LEGISLATIVE DRAFTING RESEARCH FUND

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(3)	Dr. JOSEPH P. CHAMBERLAIN

## BOARD OF MANAGERS OF VANDERBILT CLINIC

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Mr. NEWCOMB CARLTON	Dr. F. C. WOOD
(5)	Dr. H. M. PAINTER

## BOARD OF MANAGERS OF THE SLOANE HOSPITAL FOR WOMEN

Mr. W. D. SLOANE	Dr. S. W. LAMBERT
Mr. W. V. KING	Dr. E. B. CRAGIN
(5)	Dr. F. C. WOOD

## BOARD OF MANAGERS OF THE GEORGE CROCKER SPECIAL RESEARCH FUND

(Term expires June 30, 1918)

Mr. F. S. BANGS

Dr. S. W. LAMBERT

Dr. WALTER MENDELSON

Dr. F. C. WOOD

President BUTLER

Professor W. T. LONGCOPE

(6)

## ADVISORY COMMITTEE ON ART

EDWIN H. BLASHFIELD, N.A., A.M.

DANIEL C. FRENCH, A.M., N.A., Litt.D.

(3)

WILLIAM RUTHERFORD MEAD, N.A., LL.D.

## UNIVERSITY COMMITTEE ON STUDENT ORGANIZATIONS

Secretary FACKENTHAL, *Chairman* (1920)

Professor FLETCHER (1919)

Professor SLICHTER (1920)

(4)

Professor H. G. LORD (1921)

## UNIVERSITY COMMITTEE ON ATHLETICS

Faculty Members:

Graduate Members:

Student Members:

Secretary FACKENTHAL

Mr. MAPES

Mr. SCHAEDELE

Dr. MEYLAN

Mr. SYMMES

Mr. HUELSENBECK

Mr. DICKEY

Mr. ALEXANDER

Mr. LATOUR

(9)

## LIBRARY COUNCIL

President BUTLER (*ex-officio*), *Chairman*.

To serve until June 30, 1918. Professors SHOTWELL (History), SIMKHOVITCH (Economics), WEEKS (Romance Philology), LOCKWOOD (Classical Philology).

To serve until June 30, 1919. Professors WHEELER<sup>1</sup> (Classical Philology), SMITH (Teachers College), RAUTENSTRAUCH (Mechanical Engineering), HARPER (Botany), Instructor BARRY (Chemistry).

To serve until June 30, 1920. Professors TRENT (English), KEYSER (Mathematics), WOOD (Medicine), ABBOTT (Law).

<sup>1</sup> Died February 9, 1918<sup>1</sup>

(14)

## ADVISORY BOARD OF THE SCHOOL OF JOURNALISM

President BUTLER . . . . . Columbia University  
 SOLOMON B. GRIFFIN [1915-1919] . . . . Springfield *Republican*, Springfield, Mass.  
 JOHN L. HEATON . . . . . New York *World*, New York  
 GEORGE S. JOHNS . . . . . St. Louis *Post-Dispatch*, St. Louis, Mo.  
 VICTOR F. LAWSON . . . . . Chicago *Daily News*, Chicago, Ill.  
 CHARLES R. MILLER . . . . . New York *Times*, New York  
 E. P. MITCHELL . . . . . The *Sun*, New York  
 RALPH PULITZER . . . . . New York *World*, New York  
 MELVILLE E. STONE . . . . . Associated Press, New York  
 CHARLES H. TAYLOR . . . . . Boston *Globe*, Boston, Mass.  
 S. C. WELLS . . . . . Philadelphia *Press*, Philadelphia, Pa.

(11)

## COMMITTEE OF VISITORS TO THE SCHOOL OF ARCHITECTURE

*On the Nomination of the Alumni Association of the School of Architecture.* I. N. PHELPS STOKES, JOHN RUSSELL POPE, GOODHUE LIVINGSTON.

*On the Nomination of the New York Chapter of the American Institute of Architects.* EGERTON SWARTWOUT, CHARLES A. PLATT, BERTRAM G. GOODHUE.

*On the Nomination of the Society of Beaux Arts Architects.* HENRY F. HORNBOSTEL, LLOYD WARREN, THOMAS HASTINGS.

(9)

## MEMBERS OF FACULTIES AND TEACHING STAFF

NICHOLAS MURRAY BUTLER . . . . . *President of the University*  
 A.B., Columbia, 1882; A.M., 1883; Ph.D., 1884; LL.D., Syracuse, 1898; Tulane, 1901; Johns Hopkins, Princeton, Yale, and University of Pennsylvania, 1902; Chicago, 1903; Manchester and St. Andrews, 1905; Cambridge, 1907; Williams, 1908; Harvard and Dartmouth, 1909; Brown, 1914; Toronto, 1915; Wesleyan, 1916; D.Litt., Oxford, 1905; Jur.D., Breslau, 1911; Officier de la Légion d'Honneur, 1906, Commandeur, 1912; Order of the Red Eagle (Prussia), Commander, 1910; Member, American Academy of Arts and Letters, 1911.

### PROFESSORS

MUNROE SMITH . . . . . *Professor of Roman Law and Comparative Jurisprudence*  
 A.B., Amherst, 1874; A.M., 1880; LL.D., 1916; LL.B., Columbia, 1877; LL.D., 1904; J.U.D., Göttingen, 1880; J.D., Louvain, 1909.

RICHARD J. H. GOTTHEIL, *Professor of Rabbinical Literature and the Semitic Languages*  
 A.B., Columbia, 1881; Ph.D., Leipzig, 1886.

EDWIN R. A. SELIGMAN . . . . . *McVickar Professor of Political Economy*  
 A.B., Columbia, 1879; A.M., 1883; LL.B., 1884; Ph.D., 1884; LL.D., 1904.

WILLIAM HENRY CARPENTER . . . . . *Villard Professor of Germanic Philology  
 and Provost of the University*  
 A.B., Hamilton, 1881; Ph.D., Freiburg, 1881.

ALFRED D. F. HAMLIN . . . . . *Professor of the History of Architecture*  
 A.B., Amherst, 1875; A.M., 1885; L.H.D., St. John's College (Md.), 1912.

ALFRED J. MOSES . . . . . *Professor of Mineralogy*  
 E.M., Columbia, 1882; Ph.D., 1890.

GEORGE S. HUNTINGTON . . . . . *Professor of Anatomy*  
 A.B., Trinity, 1881; A.M., 1884; M.D., Columbia, 1884; Sc.D., 1904; LL.D., Jefferson Medical College, 1907.

HERBERT L. OSGOOD . . . . . *Professor of History*  
 A.B., Amherst, 1877; A.M., 1880; LL.D., 1907; Ph.D., Columbia, 1889.

J. MCKEEN CATTELL . . . . . *Professor of Psychology*  
 A.B., Lafayette, 1880; A.M., 1883; LL.D., 1907; Ph.D., Leipzig, 1886; Member of National Academy of Sciences.  
 [Appointment terminated October 1, 1917.]

JOHN BASSETT MOORE, *Hamilton Fish Professor of International Law and Diplomacy*  
 Graduate, Virginia, 1880; LL.D., Columbia, 1899; Delaware, 1900; Yale, 1901; Chicago, 1910; Brown, 1914; equivalent of LL.D., University of Chile, 1910.

HENRY FAIRFIELD OSBORN . . . . . *Research Professor of Zoology*  
 A.B., Princeton, 1877; Sc.D., 1880; LL.D., Trinity College (Hartford), 1901; Princeton, 1902; Columbia, 1907; Sc.D., Cambridge, 1904; Ph.D., (Hon.), Christiania, 1911; Member of National Academy of Sciences.

EDWARD DELAVAN PERRY . . . . . *Jay Professor of Greek*  
 A.B., Columbia, 1875; LL.D., 1904; A.M. and Ph.D., Tübingen, 1879.

- <sup>3</sup> WILLIAM A. DUNNING . . . . . *Lieber Professor of History and Political Philosophy*  
A.B., Columbia, 1881; A.M., 1883; Ph.D., 1885; LL.D., 1904; Litt.D., Dartmouth, 1916.
- ABRAHAM VALENTINE WILLIAMS JACKSON . . . *Professor of Indo-Iranian Languages*  
A.B., Columbia, 1883; A.M., 1884; L.H.D., 1885; Ph.D., 1886; LL.D., 1904.
- EDMUND B. WILSON . . . . . *Da Costa Professor of Zoology*  
Ph.B., Yale, 1878; LL.D., 1901; Ph.D., Johns Hopkins, 1881; LL.D., 1902; LL.D., Chicago, 1901; Sc.D., Cambridge, 1909; M.D. (Hon.), Leipzig, 1909; Member of National Academy of Sciences.
- ROBERT PEELE . . . . . *Professor of Mining*  
E.M., Columbia, 1883.
- BRANDER MATTHEWS . . . . . *Professor of Dramatic Literature*  
A.B., Columbia, 1871; LL.B., 1873; A.M., 1874; LL.D., 1904; D.C.L., University of the South, 1899; Litt.D., Yale, 1901; LL.D., Miami, 1909; Chevalier de la Légion d'Honneur, 1907; Member American Academy of Arts and Letters.
- MICHAEL IDVORSKY PUPIN . . . . . *Professor of Electro-Mechanics and Director of  
Phoenix Research Laboratories*  
A.B., Columbia, 1883; Sc.D., 1904; Ph.D., Berlin, 1889; LL.D., Johns Hopkins, 1915; Member of National Academy of Sciences.
- HENRY ALFRED TODD . . . . . *Professor of Romance Philology*  
A.B., Princeton, 1876; Ph.D., Johns Hopkins, 1885.
- FRANKLIN HENRY GIDDINGS . . . *Professor of Sociology and the History of Civilization*  
A.B., Union, 1877; A.M., 1889; Ph.D., 1897; LL.D., Oberlin, 1900.
- GEORGE F. CANFIELD . . . . . *Professor of Law*  
A.B., Harvard, 1875; LL.B., 1880.
- THOMAS SCOTT FISKE . . . . . *Professor of Mathematics*  
A.B., Columbia, 1885; A.M., 1886; Ph.D., 1888.
- HAROLD JACOBY . . . . . *Rutherford Professor of Astronomy*  
A.B., Columbia, 1885; Ph.D., 1895.
- <sup>1</sup>JOHN B. CLARK . . . . . *Professor of Political Economy*  
A.B., Amherst, 1872; Ph.D., 1890; LL.D., 1897; LL.D., Princeton, 1896; Christiania, 1911.
- JAMES RIGNALL WHEELER . . . . . *Professor of Greek Archaeology and Art*  
A.B., Vermont, 1880; LL.D., 1909; A.M. and Ph.D., Harvard, 1885; LL.D., Colorado, 1914.  
[Died February 9, 1918]
- FRANK N. COLE . . . . . *Professor of Mathematics*  
A.B., Harvard, 1882; A.M. and Ph.D., 1886.
- JAMES HARVEY ROBINSON . . . . . *Professor of History*  
A.B., Harvard, 1887; A.M., 1888; Ph.D., Freiburg, 1890.
- FREDERIC S. LEE . . . . . *Dalton Professor of Physiology*  
A.B., St. Lawrence, 1878; A.M., 1881; Ph.D., Johns Hopkins, 1885.
- JAMES CHIDESTER EGBERT . . . . . *Professor of Latin*  
A.B., Columbia, 1881; A.M., 1882; Ph.D., 1884.
- CALVIN THOMAS . . . . . *Gebhard Professor of the Germanic Languages and Literatures*  
A.B., Michigan, 1874; A.M., 1877; LL.D., 1904.
- EDWIN B. CRAGIN . . . . . *Professor of Obstetrics and Gynecology*  
A.B., Yale, 1882; A.M. (Hon.), 1907; M.D., Columbia, 1886.

<sup>1</sup> Absent on leave, 1917-1918.<sup>3</sup> Absent on Sabbatical leave, Spring Session.

- BASHFORD DEAN . . . . . *Professor of Vertebrate Zoology*  
A.B., College of the City of New York, 1886; A.M., Columbia, 1889; Ph.D., 1890; Chevalier de la Légion d'Honneur, 1910.
- EARL B. LOVELL . . . . . *Professor of Civil Engineering*  
C.E., Cornell, 1891.
- FRANZ BOAS . . . . . *Professor of Anthropology*  
Ph.D., Kiel, 1881; LL.D., Clark, 1909; Sc.D., Oxford, 1912; Member of National Academy of Sciences.
- <sup>3</sup> JOHN FRANCIS WOODHULL . . . . . *Professor of Physical Science in Teachers College*  
A.B., Yale, 1880; Ph.D., Columbia, 1899.
- FRANKLIN THOMAS BAKER . . . . . *Professor of the English Language and Literature in Teachers College*  
A.B., Dickinson, 1885; A.M., 1889; Litt.D., 1908; A.M., Columbia, 1900.
- VIRGIL PRETTYMAN . . . . . *Principal of Horace Mann School for Boys with rank of Assistant Professor in Teachers College*  
A.B., Dickinson, 1892; A.M., 1895; Pd.D., 1905.
- JAMES EARL RUSSELL . . . . . *Barnard Professor of Education*  
A.B., Cornell, 1887; Ph.D., Leipzig, 1894; LL.D., Dickinson, 1903; Colorado, 1905; McGill, 1909.
- HELEN KINNE . . . . . *Professor of Household Arts Education in Teachers College*  
Diploma, Teachers College, 1890.  
[Died December 29, 1917.]
- FRANK M. McMURRY . . . . . *Professor of Elementary Education in Teachers College*  
Ph.D., Jena, 1889.
- PAUL MONROE . . . . . *Professor of the History of Education and Director of the School of Education in Teachers College*  
B.S., Franklin, 1890; M.A., 1895; Ph.D., Chicago, 1897; LL.D., Peking, China, 1913.
- WILLIAM P. TRENT . . . . . *Professor of English Literature*  
M.A., Virginia, 1884; LL.D., Wake Forest, 1899; D.C.L., University of the South, 1905.
- HERBERT G. LORD . . . . . *Professor of Philosophy*  
A.B., Amherst, 1871; A.M., 1900.
- NELSON GLENN MCCREA . . . . . *Anthron Professor of the Latin Language and Literature*  
A.B., Columbia, 1885; A.M., 1886; Ph.D., 1888.
- GONZALEZ LODGE . . . . . *Professor of Latin and Greek in Teachers College*  
A.B., Johns Hopkins, 1883; Ph.D., 1886; LL.D., Franklin and Marshall, 1901.
- CLARENCE H. YOUNG . . . . . *Professor of Greek*  
A.B., Columbia, 1888; A.M., 1889; Ph.D., 1891.
- JAMES MACLAY . . . . . *Professor of Mathematics*  
C.E., Columbia, 1888; Ph.D., 1899.
- † MARSTON TAYLOR BOGERT . . . . . *Professor of Organic Chemistry*  
A.B., Columbia, 1890; Ph.B., 1894; LL.D., Clark, 1909; Member of National Academy of Sciences.
- J. LIVINGSTON RUTGERS MORGAN . . . . . *Professor of Physical Chemistry*  
B.S., Rutgers, 1892; Sc.D., 1916; A.M. and Ph.D., Leipzig, 1895.
- HENRY E. CRAMPTON . . . . . *Professor of Zoology*  
A.B., Columbia, 1893; Ph.D., 1899.

† Absent on leave for national service.

\* Absent on Sabbatical leave Spring Session.

- EDWARD LEE THORNDIKE . . . *Professor of Educational Psychology in Teachers College*  
A.B., Wesleyan, 1895; A.B., Harvard, 1896; A.M., 1897; Ph.D., Columbia, 1898.
- CHARLES HUBERT FARNSWORTH, *Associate Professor of School Music in Teachers College*
- DAVID EUGENE SMITH . . . . . *Professor of Mathematics in Teachers College*  
Ph.B., Syracuse, 1881; Ph.M., 1884; Ph.D., 1887; LL.D., 1905; M.Pd., Michigan State Normal, 1898.
- THOMAS DENISON WOOD . . . . . *Professor of Physical Education*  
A.B., Oberlin, 1888; A.M., 1891; M.D., Columbia, 1891.
- CHARLES THADDEUS TERRY . . . . . *Dwight Professor of Law*  
A.B., Williams, 1889; LL.B., Columbia, 1893.
- WALTER B. JAMES . . . . . *Professor of Clinical Medicine*  
A.B., Yale, 1879; M.D., Columbia, 1883; LL.D., 1904; A.M., (Hon.), Yale, 1906.
- WILLIAM J. GIES . . . . . *Professor of Biological Chemistry*  
B.S., Pennsylvania College, 1893; M.S., 1896; Sc.D., 1914; Ph.B., Yale, 1894; Ph.D., 1897.
- WILLIAM T. BREWSTER . . . . . *Professor of English*  
A.B., Harvard, 1892; A.M., 1893.
- GEORGE CLINTON DENSMORE ODELL . . . . . *Professor of English*  
A.B., Columbia, 1889; A.M., 1890; Ph.D., 1893.
- CHARLES KNAPP . . . . . *Professor of Classical Philology*  
A.B., Columbia, 1887; A.M., 1888; Ph.D., 1890.
- L. EMMETT HOLT . . . . . *Carpentier Professor of the Diseases of Children*  
A.B., Rochester, 1875; A.M., 1878; M.D., Columbia, 1880; Sc.D., 1904; Sc.D., Brown, 1914.
- AMADEUS W. GRABAU . . . . . *Professor of Paleontology*  
S.B., Mass. Inst. of Tech., 1896; S.M., Harvard, 1898; S.D., 1900.
- † HENRY ROGERS SEAGER . . . . . *Professor of Political Economy*  
Ph.B., Michigan, 1890; Ph.D., Pennsylvania, 1894.
- HENRY L. MOORE . . . . . *Professor of Political Economy*  
A.B., Randolph-Macon, 1892; Ph.D., Johns Hopkins, 1896.
- JOHN DYNELEY PRINCE . . . . . *Professor of Slavonic Languages*  
A.B., Columbia, 1888; Ph.D., Johns Hopkins, 1892.
- FREDERICK JAMES EUGENE WOODBRIDGE . . . . . *Johnsonian Professor of Philosophy*  
A.B., Amherst, 1889; A.M., 1898; LL.D., 1903; LL.D., Colorado, 1915.
- FELIX ADLER . . . . . *Professor of Social and Political Ethics*  
A.B., Columbia, 1870; Ph.D., Heidelberg, 1873.
- RALPH EDWARD MAYER . . . . . *Associate Professor of Engineering Drafting*  
C.E., Columbia, 1879.
- HERBERT MAULE RICHARDS . . . . . *Professor of Botany*  
B.S., Harvard, 1891; Sc.D., 1895.
- GARY N. CALKINS . . . . . *Professor of Protozoology*  
B.S., Mass. Inst. of Tech., 1890; Ph.D., Columbia, 1898.
- MARGARET E. MALTBY . . . . . *Associate Professor of Physics in Barnard College*  
A.B., Oberlin, 1882; A.M., 1891; B.S., Mass. Inst. of Tech., 1891; Ph.D., Göttingen, 1893.
- CASSIUS JACKSON KEYSER . . . . . *Adrain Professor of Mathematics*  
B.S., Missouri, 1892; A.M., Columbia, 1896; Ph.D., 1901.

† Absent on leave for national service.



- MARSHALL H. SAVILLE . . . . . *Loubal Professor of American Archaeology*  
 †<sup>3</sup> GEORGE L. MEYLAN . . . . . *Professor of Physical Education and Medical Director*  
*of the Gymnasium*  
 M.D., New York University, 1896; B.S., Harvard, 1902; A.M., Columbia, 1904.
- <sup>3</sup> ELIJAH WILLIAM BAGSTER-COLLINS, *Associate Professor of German in Teachers College*  
 A.B., Brown, 1897; A.M., Columbia, 1898.
- MAURICE A. BIGELOW . . . . . *Professor of Biology and Director of the School of*  
*Practical Arts in Teachers College*  
 B.S., Ohio Wesleyan, 1894; M.S., Northwestern, 1896; Ph.D., Harvard, 1901.
- HENRY CARR PEARSON . . . . . *Principal of Horace Mann School with rank of*  
*Assistant Professor in Teachers College*  
 A.B., Harvard, 1892.
- SAMUEL W. LAMBERT . . . . . *Professor of Clinical Medicine*  
 A.B., Yale, 1880; Ph.B., 1882; M.A. (Hon.), 1905; M.D., Columbia, 1885.
- ARNOLD H. KNAPP . . . . . *Professor of Ophthalmology*  
 A.B., Harvard, 1889; M.D., Columbia, 1892.
- HERMANN T. VULTÉ . . . . . *Assistant Professor of Household Arts in Teachers College*  
 Ph.B., Columbia, 1881; Ph.D., 1885.
- FRANCIS CARTER WOOD . . . . . *Director of Cancer Research*  
 B.S., Ohio State, 1891; M.D., Columbia, 1894.
- LEA MCLVAINE LUQUER . . . . . *Assistant Professor of Mineralogy*  
 C.E., Columbia, 1887; Ph.D., 1894.
- LOUIS AUGUSTE LOISEAUX . . . . . *Associate Professor of French*  
 B.S., Dijon, 1894.
- WILLIAM ADDISON HERVEY . . . . . *Professor of the Germanic Languages and Literatures*  
 A.B., Columbia, 1893; A.M., 1894.
- RUSSELL BURTON-OPITZ . . . . . *Associate Professor of Physiology*  
 M.D., Chicago, 1895; B.S., 1898; M.S., 1902; Ph.D., 1905.
- THOMAS HUNT MORGAN . . . . . *Professor of Experimental Zoology*  
 B.S., State College of Kentucky, 1886; Ph.D., Johns Hopkins, 1891; LL.D., Johns Hopkins,  
 1915; Member of National Academy of Sciences.
- †<sup>2</sup> JEFFERSON B. FLETCHER . . . . . *Professor of Comparative Literature*  
 A.B., Harvard, 1887; A.M., 1889.
- HARRY MCMAHON PAINTER . . . . . *Professor of Clinical Obstetrics*  
 A.B., Yale, 1884; Ph.B., 1885; M.D., Columbia, 1888.
- CHARLES LANE POOR . . . . . *Professor of Celestial Mechanics*  
 B.S., College of the City of New York, 1886; M.S., 1890; Ph.D., Johns Hopkins, 1892.
- CORNELIUS RYBNER . . . . . *Professor of Music*  
 Mus.Doc., George Washington, 1907.
- ARTHUR WESLEY DOW . . . . . *Professor of Fine Arts in Teachers College*
- JOHN DEWEY . . . . . *Professor of Philosophy*  
 A.B., Vermont, 1879; Ph.D., Johns Hopkins, 1884; LL.D., Wisconsin, 1904; Vermont, 1911;  
 Michigan, 1913; Johns Hopkins, 1915; Member of National Academy of Sciences.

† Absent on leave for national service.

<sup>2</sup> Absent on Sabbatical leave, Winter Session.

<sup>3</sup> Absent on Sabbatical leave, Spring Session.

- HENRY H. RUSBY . . . . . *Professor of Materia Medica in the College of Pharmacy*  
M.D., University Medical College of New York, 1884.
- GEORGE C. DIEKMAN . . . . . *Professor of Pharmacy in the College of Pharmacy*  
Ph.G., New York College of Pharmacy, 1888; M.D., Columbia, 1901.
- † HENRY CLAPP SHERMAN . . . . . *Professor of Food Chemistry*  
B.S., Maryland Agricultural College, 1893; Sc.D., 1913; A.M., Columbia, 1896; Ph.D., 1897.
- WILLIAM ROBERT SHEPHERD . . . . . *Professor of History*  
A.B., Columbia, 1893; A.M., 1894; Ph.D., 1896. Equivalent of L.H.D., University of Chile, 1910.
- <sup>1</sup> JAMES T. SHOTWELL . . . . . *Professor of History*  
A.B., Toronto, 1898; Ph.D., Columbia, 1903.
- GEORGE W. BOTSFORD . . . . . *Professor of History*  
A.B., Nebraska, 1884; A.M., 1889; Ph.D., Cornell, 1891.  
[Died December 13, 1917.]
- ALBERT P. WILLS . . . . . *Professor of Mathematical Physics*  
B.E.E., Tufts, 1894; Sc.D., 1911; Ph.D., Clark, 1897.
- ROBERT SESSIONS WOODWORTH . . . . . *Professor of Psychology*  
A.B., Amherst, 1891; A.B., Harvard, 1896; A.M., 1897; Ph.D., Columbia, 1899.
- BERN B. GALLAUDET . . . . . *Assistant Professor of Anatomy*  
A.B., Trinity, 1880; A.M., 1883; M.D., Columbia, 1884.
- <sup>1</sup> SAMUEL A. TUCKER . . . . . *Assistant Professor of Electro-Chemistry*  
Ph.B., Columbia, 1895.
- HENRY BEDINGER MITCHELL . . . . . *Professor of Mathematics*  
E.E., Columbia, 1898; A.M., 1900.
- VLADIMIR G. SIMKHOVITCH . . . . . *Professor of Economic History*  
Ph.D., Halle-Wittenberg, 1898.
- † EDWARD THOMAS DEVINE . . . . . *Professor of Social Economy*  
B.A., Cornell College, Iowa, 1887; M.A., 1890; LL.D., 1904; Ph.D., Pennsylvania, 1895.
- FRANK W. JACKSON . . . . . *Professor of Clinical Medicine*  
M.D., Columbia, 1879.
- JOHN HENRY LARKIN . . . . . *Assistant Professor of Pathology*  
A.B., Manhattan, 1891; M.D., Columbia, 1894.
- CHARLES EDWARD LUCKE . . . . . *Professor of Mechanical Engineering*  
B.S., College of the City of New York, 1895; M.S., New York University, 1899; Ph.D., Columbia, 1902.
- EDWARD KASNER . . . . . *Professor of Mathematics*  
B.S., College of the City of New York, 1896; A.M., Columbia, 1897; Ph.D., 1899.
- ASHLEY HORACE THORNDIKE . . . . . *Professor of English*  
A.B., Wesleyan, 1893; L.H.D., 1909; A.M., Harvard, 1896; Ph.D., 1898.
- WALTER RAUTENSTRAUCH . . . . . *Professor of Mechanical Engineering*  
B.S., Missouri, 1902; M.S., Maine, 1903.
- HENRY JOHNSON . . . . . *Professor of History in Teachers College*  
B.L., Minnesota, 1889; A.M., Columbia, 1902.

† Absent on leave for national service.

‡ Absent on leave from July 1 to November 1, 1917, for national service.

<sup>1</sup> Absent on leave 1917-1918.

- MARY ADELAIDE NUTTING . . . . . *Professor of Nursing in Teachers College Diploma, Johns Hopkins Hospital Training School for Nurses, 1891.*
- NATHANIEL LORD BRITTON . . . . . *Director of the New York Botanical Garden*  
E.M., Columbia, 1879; Ph.D., 1881; Sc.D., 1904.
- JAMES D. VOORHEES . . . . . *Associate Professor of Obstetrics*  
A.B., Princeton, 1890; A.M., 1893; M.D., Columbia, 1893.
- ROYAL WHITMAN . . . . . *Assistant Professor of Orthopedic Surgery*  
M.D., Harvard, 1882.  
[Resigned December 31, 1917.]
- GEORGE R. LOCKWOOD . . . . . *Professor of Clinical Medicine*  
A.B., College of the City of New York, 1881; M.D., Columbia, 1884.
- WILLIAM K. DRAPER . . . . . *Professor of Clinical Medicine*  
A.B., Harvard, 1885; M.D., Columbia, 1888.
- VAN HORNE NORRIE . . . . . *Professor of Clinical Medicine*  
A.B., Columbia, 1885; M.D., 1889.
- ARTHUR F. J. REMY . . . . . *Associate Professor of Germanic Philology*  
A.B., College of the City of New York, 1890; A.M., Columbia, 1897; Ph.D., 1901.
- WILLIAM CAMPBELL . . . . . *Professor of Metallurgy*  
B.S., Durham College of Science, 1898; Sc.D., 1905; M.Sc., Royal School of Mines, 1903;  
Ph.D., Columbia, 1903; A.M., 1905.
- WILLIAM PEPPERRELL MONTAGUE . . . . . *Associate Professor of Philosophy*  
A.B., Harvard, 1896; A.M., 1897; Ph.D., 1898.
- WILLIAM W. LAWRENCE . . . . . *Professor of English*  
A.B., Bowdoin, 1898; Litt.D., 1917; A.M., Harvard, 1900; Ph.D., 1903.
- JAMES HOWARD MCGREGOR . . . . . *Associate Professor of Zoology*  
B.S., Ohio State, 1894; A.M., Columbia, 1896; Ph.D., 1899.
- CHARLES A. BEARD . . . . . *Professor of Politics*  
Ph.B., De Pauw, 1898; A.M., Columbia, 1903; Ph.D., 1904.  
[Resigned October 9, 1917.]
- DICKINSON S. MILLER . . . . . *Professor of Philosophy*  
A.B., and A.M., Harvard, 1892; Ph.D., Halle, 1893; Sc.D., Hobart, 1909.
- GRACE A. HUBBARD . . . . . *Associate Professor of English in Barnard College*  
A.B., Smith, 1887; A.M., Cornell, 1893.
- NATHAN ABBOTT . . . . . *Nash Professor of Law*  
A.B., Yale, 1877; LL.B., Boston, 1893.
- SAMUEL McCUNE LINDSAY . . . . . *Professor of Social Legislation*  
Ph.B., Pennsylvania, 1889; LL.D., 1909; Ph.D., Halle, 1892.
- WILLIAM MANSFIELD, PHAR.D. *Professor of Pharmacognosy in the College of Pharmacy*
- GEORGE D. STRAYER . . . . . *Professor of Educational Administration in Teachers College*  
A.B., Johns Hopkins, 1903; Ph.D., Columbia, 1905.
- CARLTON CLARENCE CURTIS . . . . . *Associate Professor of Botany*  
A.B., Syracuse, 1889; Ph.D., 1893; A.M., Columbia, 1892.
- † WILLIAM R. WILLIAMS . . . . . *Associate Professor of Clinical Medicine*  
A.B., Williams, 1889; A.M., 1892; M.D., Columbia, 1895.

† Absent on leave for national service.

- ARTHUR L. WALKER . . . . . *Professor of Metallurgy*  
E.M., Columbia, 1883.
- LUCIUS W. HOTCHKISS . . . . . *Professor of Clinical Surgery*  
A.B., Columbia, 1881; M.D., 1884.
- † JOHN B. WALKER . . . . . *Professor of Clinical Surgery*  
A.B., Harvard, 1884; M.D., 1888.
- CHARLES NORTH DOWD . . . . . *Professor of Clinical Surgery*  
A.B., Williams, 1879; A.M., 1883; M.D., Columbia, 1886.
- EVAN M. EVANS . . . . . *Professor of Clinical Medicine*  
B.S., Princeton, 1892; M.D., Columbia, 1895.
- † CHARLES H. PECK . . . . . *Professor of Clinical Surgery*  
M.D., Columbia, 1892.
- MARIE REIMER . . . . . *Associate Professor of Chemistry in Barnard College*  
Ph.D., Bryn Mawr, 1904.
- GEORGE B. PEGRAM . . . . . *Professor of Physics*  
A.B., Trinity (N. C.), 1895; Ph.D., Columbia, 1903.
- CHARLES P. WARREN . . . . . *Assistant Professor of Architecture*  
Ph.B., Columbia, 1899; A.M., 1892.
- BERGEN DAVIS . . . . . *Associate Professor of Physics*  
B.S., Rutgers, 1896; A.M., Columbia, 1900; Ph.D., 1901.
- KARL MAX VOGEL . . . . . *Assistant Professor of Clinical Pathology*  
Ph.G., New York College of Pharmacy, 1896; M.D., Columbia, 1900.
- † <sup>2</sup> JOHN ERSKINE . . . . . *Professor of English*  
A.B., Columbia, 1900; A.M., 1901; Ph.D., 1903.
- WILLIAM D. GUTHRIE . . . . . *Ruggles Professor of Constitutional Law*  
A.M., (Hon.), Yale, 1904; LL.D., Fordham, 1916.
- ADAM LEROY JONES . . . . . *Director of University Admissions and*  
*Associate Professor of Philosophy*  
A.B., Williams, 1895; Ph.D., Columbia, 1898.
- HENRY RAYMOND MUSSEY . . . . . *Associate Professor of Economics*  
A.B., Beloit, 1900; Ph.D., Columbia, 1905.  
[Resigned February 1, 1918.]
- † <sup>2</sup> RAYMOND WEEKS . . . . . *Professor of Romance Philology*  
A.B., Harvard, 1899; A.M., 1891; Ph.D., 1897.
- † FREDERICK P. KEPPEL . . . . . *Dean of Columbia College*  
A.B., Columbia, 1898; Chevalier de la Légion d'Honneur, 1911; Litt.D., Pittsburgh, 1912.
- † DAVID BOVAIRD, JR. . . . . *Assistant Professor of Clinical Medicine*  
A.B., Princeton, 1889; M.D., Columbia, 1892.
- NATHANIEL B. POTTER . . . . . *Professor of Clinical Medicine*  
A.B., Harvard, 1890; M.D., 1896.
- DANIEL GREGORY MASON . . . . . *Associate Professor of Music*  
A.E., Harvard, 1895.
- <sup>2</sup> CHARLES H. BURNSIDE . . . . . *Associate Professor of Mechanics*  
B.S., Columbia, 1898; A.M., 1899.

† Absent on leave for national service.

<sup>2</sup> Absent on Sabbatical leave, Winter Session.<sup>3</sup> Absent on Sabbatical leave, Spring Session.

- † JAMES A. MILLER . . . . . *Professor of Clinical Medicine*  
A.B., Princeton, 1893; A.M., 1894; M.D., Columbia, 1899.
- WILHELM A. BRAUN . . . . . *Associate Professor of the Germanic Languages and Literatures*  
A.B., Toronto, 1895; Ph.D., Columbia, 1903.
- † MORTON ARENDT . . . . . *Assistant Professor of Electrical Engineering*  
E.E., Columbia, 1898.
- TRACY E. HAZEN . . . . . *Assistant Professor of Botany*  
A.B., Vermont, 1897; A.M., Columbia, 1899; Ph.D., 1900.
- CHARLES P. BERKEY . . . . . *Professor of Geology*  
B.S., Minnesota, 1892; M.S., 1893; Ph.D., 1897.
- <sup>3</sup>JOHN L. GERIG . . . . . *Associate Professor of Celtic*  
A.B., Missouri, 1898; A.M., 1899; Ph.D., Nebraska, 1902.
- HARRY M. AYRES . . . . . *Assistant Professor of English*  
A.B., Harvard, 1902; Ph.D., 1908.
- CHARLES C. GROVE . . . . . *Assistant Professor of Mathematics*  
A.B., Penn College, 1900; A.M., 1903; Ph.D., Johns Hopkins, 1906.
- JOHN HAROLD MORECROFT . . . . . *Associate Professor of Electrical Engineering*  
E.E., Syracuse, 1904; B.S., 1907.
- ALGERNON DEV. TASSIN . . . . . *Assistant Professor of English*  
A.B., Harvard, 1892; A.M., 1893.
- CARLTON J. H. HAYES . . . . . *Associate Professor of History*  
A.B., Columbia, 1904; A.M., 1905; Ph.D., 1909.
- VIRGINIA C. GILDERSLEEVE . . . . . *Dean of Barnard College and Professor of English*  
A.B., Columbia, 1899; A.M., 1900; Ph.D., 1908.
- WILLIAM BENJAMIN FITE . . . . . *Professor of Mathematics*  
Ph.B., Cornell, 1892; Ph.D., 1901.
- HERBERT E. HAWKES . . . . . *Professor of Mathematics*  
A.B., Yale, 1896; Ph.D., 1900.
- GEORGE PHILIP KRAPP . . . . . *Professor of English*  
A.B., Wittenberg, 1894; A.M., 1897; Ph.D., Johns Hopkins, 1899.
- DEAN PUTNAM LOCKWOOD . . . . . *Assistant Professor of Classical Philology*  
A.B., Harvard, 1903; A.M., 1904; Ph.D., 1907.
- FRANK GARDNER MOORE . . . . . *Professor of Classical Philology*  
A.B., Yale, 1886; Ph.D., 1890.
- <sup>3</sup>WALTER IRVINE SLICHTER . . . . . *Professor of Electrical Engineering*  
E.E., Columbia, 1896.
- HARLAN F. STONE . . . . . *Kent Professor of Law*  
B.S., Amherst, 1894; A.M., 1900; LL.D., 1913; LL.B., Columbia, 1898.
- <sup>3</sup>LA RUE VAN HOOK . . . . . *Associate Professor of Classical Philology*  
A.B., Michigan, 1899; Ph.D., Chicago, 1904.
- GEORGE V. WENDELL . . . . . *Professor of Physics*  
B.S., Mass. Inst. of Tech., 1892; Ph.D., Leipzig, 1898.
- CURT P. WIMMER . . . . . *Assistant Professor of Pharmacy in the College of Pharmacy*  
Phar.G., New York College of Pharmacy, 1902; Phar.D., 1904; A.M., Columbia, 1909.

† Absent on leave for national service.

<sup>3</sup> Absent on Sabbatical leave, Spring Session.

- FREDERICK G. BONSER . . . . . *Professor of Education in Teachers College*  
B.S., Illinois, 1901; M.S., 1902; Ph.D., Columbia, 1911.
- ANNA M. COOLEY . . . . . *Associate Professor of Household Arts in Teachers College*  
B.S., Columbia, 1903; Bachelor's Diploma, Teachers College, 1903; Diploma, New York  
Normal College, 1893; Hunter Kindergarten Training School, 1894.
- JANE FALES . . . . . *Assistant Professor of Household Arts in Teachers College*  
Diploma, Teachers College, 1906; B.S., Columbia, 1907.
- PATTY S. HILL . . . . . *Assistant Professor of Kindergarten Education in Teachers College*  
Diploma, Louisville Free Kindergarten Association Training School, 1888.
- AZUBAH J. LATHAM . . . . . *Assistant Professor of Oral English in Teachers College*  
B.A., Boston University, 1880; Diploma, Boston School of Expression, 1890.
- CHARLES T. MCFARLANE . . . . . *Professor of Geography in Teachers College*  
B.Pd., New York State Normal College, 1894; D.Pd., 1904; M.Pd., Michigan State Normal  
College, 1901.
- MRS. MARY D. SWARTZ ROSE *Assistant Professor of Household Arts in Teachers College*  
B.L., Denison, 1901; Diploma, Mechanics Institute, Rochester, 1902; B.S., Columbia,  
1906; Ph.D., Yale, 1909; Diploma, Teachers College, 1906.
- HENRY A. RUGER . . . . . *Assistant Professor of Educational Psychology in Teachers College*  
A.B., Beloit, 1895; A.M., Chicago, 1905; Ph.D., Columbia, 1910.
- CLIFFORD B. UPTON . . . . . *Associate Professor of Mathematics in Teachers College*  
A.B., Michigan, 1902; A.M., Columbia, 1907; Master's Diploma, Teachers College, 1907.
- MAY B. VAN ARSDALE . . . . . *Associate Professor of Household Arts in Teachers College*  
B.S., Columbia, 1905; Diploma, Teachers College, 1893.
- <sup>2</sup> LAMONT A. WARNER . . . . . *Assistant Professor of Household Arts in Teachers College*  
Diploma, Pratt Institute, 1898.  
[Resigned February 1, 1918]
- † CHARLES N. B. CAMAC . . . . . *Assistant Professor of Clinical Medicine*  
A.B., Pennsylvania, 1892; M.D., 1895.
- CHARLES A. HARRIMAN . . . . . *Assistant Professor of Architecture*
- EVERETT J. HALL . . . . . *Assistant Professor of Assaying*
- † HARRY L. PARR . . . . . *Assistant Professor of Mechanical Engineering*  
A.B., Columbia, 1902; Mech.E., 1904.
- SAMUEL OSGOOD MILLER . . . . . *Assistant Professor of Drawing*  
C.E., Columbia, 1895.
- EDWARD F. KERN . . . . . *Assistant Professor of Metallurgy*  
B.S., Tennessee, 1897; Ph.D., Columbia, 1901.
- † HAL T. BEANS . . . . . *Associate Professor of Chemistry*  
B.S., Nebraska, 1899; A.M., 1900; Ph.D., Columbia, 1904.
- ALVAN A. TENNEY . . . . . *Assistant Professor of Sociology*  
A.B., Columbia, 1898; A.M., 1899; Ph.D., 1907.
- † CHARLES W. THOMAS . . . . . *Assistant Professor of Mechanical Engineering*  
Mech. E., Stevens Institute of Technology, 1884.
- EUGENE E. AGGER . . . . . *Associate Professor of Economics*  
A.B., Cincinnati, 1901; A.M., 1902; Ph.D., Columbia, 1907.

† Absent on leave for national service.

<sup>2</sup> Absent on Sabbatical leave, Winter Session.

- ROBERT L. SCHUYLER . . . . . *Assistant Professor of History*  
A.B., Columbia, 1903; A.M., 1904; Ph.D., 1909.
- HENRY V. ARNY . . . . . *Professor of Chemistry in the College of Pharmacy*  
Ph.M., Philadelphia College of Pharmacy, 1889; Ph.D., Göttingen, 1896.
- <sup>3</sup> CHARLES SEARS BALDWIN . . . . . *Professor of Rhetoric and English Composition*  
A.B., Columbia, 1888; A.M., 1889; Ph.D., 1894.
- <sup>3</sup> ALON BEMENT . . . . . *Assistant Professor of Fine Arts in Teachers College*  
A.B., Stanford, 1896; Ph.D., Chicago, 1911.
- ROBERT E. CHADDOCK . . . . . *Associate Professor of Statistics*  
A.B., Wooster College, 1900; A.M., Columbia, 1906; Ph.D., 1908.
- <sup>3</sup> GRACE A. CORNELL . . . . . *Assistant Professor of Fine Arts in Teachers College*  
Diploma, Pratt Institute, 1899.
- THOMAS B. FREAS . . . . . *Associate Professor of Chemistry*  
A.B., Stanford, 1896; Ph.D., Chicago, 1911.
- <sup>2</sup> WILLYSTINE GOODSELL . . . . . *Assistant Professor of Education in Teachers College*  
B.S., Columbia, 1905; A.M., 1906; Ph.D., 1910.
- <sup>3</sup> ROBERT A. HARPER . . . . . *Torrey Professor of Botany*  
A.B., Oberlin, 1886; A.M., 1891; Ph.D., Bonn, 1896; Member of National Academy of Sciences.
- WILLIAM H. KILPATRICK . . . . . *Associate Professor of Education in Teachers College*  
A.B., Mercer, 1891; A.M., 1892; Ph.D., Columbia, 1912.
- † WARFIELD THEOBALD LONGCOPE . . . . . *Bard Professor of the Practice of Medicine*  
A.B., Johns Hopkins, 1897; M.D., 1901.
- WILLIAM G. MARQUETTE . . . . . *Associate Professor of Botany*  
Ph.G., Northwestern, 1899; B.S., Wisconsin, 1903; Ph.D., 1907.
- O. S. MORGAN . . . . . *Professor of Agriculture*  
A.B., Illinois, 1905; M.S.A., Cornell, 1907; Ph.D., 1909.
- FRANK HENRY PIKE . . . . . *Associate Professor of Physiology*  
A.B., Indiana, 1903; Ph.D., Chicago, 1907.
- ALEXANDER SMITH . . . . . *Professor of Chemistry*  
B.S., Edinburgh, 1886; Ph.D., Munich, 1889.
- TALCOTT WILLIAMS, *Professor of Journalism and Director of the School of Journalism*  
A.B., Amherst, 1873; A.M., 1883; A.M. (Hon.), Pennsylvania, 1891; L.H.D., Amherst, 1896; Western Reserve, 1897; Pittsburgh, 1912; LL.D., Pennsylvania, 1895; Hobart, 1899; Western Reserve, 1909; Pennsylvania College, 1915; Franklin and Marshall, 1915; Litt.D., Rochester, 1902; Brown, 1915.
- <sup>3</sup> JOHN W. CUNLIFFE . . . . . *Professor of English and Associate Director of the School of Journalism*  
B.A., London, 1884; M.A. (Classics), 1886; M.A. (Modern Languages), 1888; D.Litt., 1892.
- <sup>1</sup> WENDELL T. BUSH . . . . . *Associate Professor of Philosophy*  
A.B., Brooklyn Polytechnic Institute, 1889; A.M., Harvard, 1898; Ph.D., Columbia, 1905.
- WALTER B. PITKIN . . . . . *Associate Professor of Philosophy*  
A.B., Michigan, 1900; B.D., Hartford Theological Seminary, 1903.
- DAVID S. MUZZEY . . . . . *Associate Professor of History*  
A.B., Harvard, 1893; B.D., New York University, 1897; Ph.D., Columbia, 1907.

† Absent on leave for national service.

<sup>1</sup> Absent on leave, Winter Session.<sup>2</sup> Absent on Sabbatical leave, Winter Session.<sup>3</sup> Absent on leave, Spring Session.

- † CHARLES C. SLEFFEL . . . . . *Assistant Professor of Mechanical Engineering*  
 2 CHARLES W. WEICK . . . *Assistant Professor of Industrial Arts in Teachers College*  
 B.S., Ohio State, 1898.
- ADRIAN VAN SINDEREN LAMBERT . . . . . *Acting Professor of Surgery*  
 A.B., Yale, 1893; M.D., Columbia, 1896.
- GERTRUDE M. HIRST . . . *Assistant Professor of Classical Philology in Barnard College*  
 A.B., Newnham, Cambridge, 1890; A.M., Columbia, 1900; Ph.D., 1902.
- THOMAS H. HARRINGTON . . . . . *Assistant Professor of Drawing*  
 C.E., Columbia, 1889.
- FREDERICK W. J. HEUSER. . . . . *Assistant Professor of the Germanic Languages*  
*and Literatures*  
 A.B., Columbia, 1901; A.M., 1902.
- IDA HELEN OGILVIE . . . . . *Associate Professor of Geology in Barnard College*  
 A.B., Bryn Mawr, 1900; Ph.D., Columbia, 1903.
- † LEWIS P. SICELOFF . . . . . *Assistant Professor of Mathematics*  
 A.B., Central College, 1900; Ph.D., Columbia, 1912.
- EDWARD M. SAIT . . . . . *Assistant Professor of Politics*  
 B.A., Toronto, 1902; M.A., 1903; Ph.D., Columbia, 1911.
- † DOUGLAS W. JOHNSON . . . . . *Associate Professor of Physiography*  
 B.S., New Mexico, 1901; Ph.D., Columbia, 1903.
- ROMIETT STEVENS . . . *Assistant Professor of Secondary Education in Teachers College*  
 B.S., Columbia, 1907; A.M., 1908; Ph.D., 1912.
- WILLIAM H. WOGLOM . . . . . *Associate Professor of Cancer Research*  
 M.D., Columbia, 1901.
- WILLIAM C. CLARKE . . . . . *Assistant Professor of Surgery*  
 M.D., Columbia, 1899.
- HENRY S. PATTERSON . . . . . *Assistant Professor of Clinical Medicine*  
 A.B., Williams, 1896; M.D., Columbia, 1900.
- T. STUART HART . . . . . *Assistant Professor of Clinical Medicine*  
 A.B., Yale, 1891; A.M., 1893; M.D., Columbia, 1895.
- LEWIS F. FRISSELL . . . . . *Assistant Professor of Clinical Medicine*  
 A.B., Yale, 1895; A.M., 1897; M.D., Columbia, 1900.
- CHARLES C. LIEB . . . . . *Assistant Professor of Pharmacology*  
 A.B., Columbia, 1902; M.D., 1906.
- GEORGE A. TUTTLE . . . . . *Assistant Professor of Clinical Medicine*  
 A.B., Amherst, 1883; M.D., Columbia, 1886.
- THOMAS R. POWELL . . . . . *Associate Professor of Constitutional Law*  
 A.B., Vermont, 1900; LL.B., Harvard, 1904; Ph.D., Columbia, 1913.
- CHARLES C. TROWBRIDGE. . . . . *Assistant Professor of Physics*  
 B.S., Trinity (Ct.), 1892; M.S., 1903; Sc.D., 1908.
- EDGAR H. STURTEVANT . . . . . *Assistant Professor of Classical Philology*  
 A.B., Indiana, 1898; Ph.D., Chicago, 1901.
- FRANK S. MATTHEWS . . . . . *Assistant Professor of Clinical Surgery*  
 B.S., Washington and Jefferson, 1890; M.D., Columbia, 1893.

† Absent on leave for national service.

2 Absent on Sabbatical leave, Winter Session.



- FRANK C. SCHROEDER . . . . . *Assistant Professor of Mechanics*  
B.S., Wisconsin, 1907; C.E., 1910.
- WALTER HENRY HALL . . . . . *Professor of Choral and Church Music*
- ALLAN ABBOTT . . . . . *Assistant Professor of English in Teachers College*
- BENJAMIN R. ANDREWS . . . *Assistant Professor of Household Arts in Teachers College*  
A.B., Cornell, 1901; A.M., 1903; Ph.D., Columbia, 1909.
- WILLIAM A. DOWNES . . . . . *Assistant Professor of Clinical Surgery*  
M.D., Columbia, 1895.
- JOHN A. FORDYCE . . . . . *Professor of Dermatology and Syphilology*  
A.B., Adrian, 1878; A.M., 1889; Ph.D., (Hon.), 1901; M.D., Chicago Medical College, 1881; M.D., Berlin, 1883.
- † ANNE W. GOODRICH . *Assistant Professor of Nursing and Health in Teachers College*
- DANIEL D. JACKSON . . . . . *Associate Professor of Chemical Engineering*  
B.S., Massachusetts Institute of Technology, 1893; M.S., New York University, 1908.
- † J. ENRIQUE ZANETTI . . . . . *Assistant Professor of Chemistry*  
A.B., Harvard, 1906; A.M., 1907; Ph.D., 1909.
- † HANS ZINSSER . . . . . *Professor of Bacteriology*  
A.B., Columbia, 1899; A.M. and M.D., 1903.
- HOWARD L. MCBAIN . . . *Eaton Professor of Municipal Science and Administration*  
A.B., Richmond College, 1900; A.M., 1901; A.M., Columbia, 1905; Ph.D., 1907.
- ELLERY C. STOWELL . . . . . *Associate Professor of International Law*  
A.B., Harvard, 1898; Licencié en Droit, Paris, 1906; Docteur en Droit, 1909.
- † ALWIN M. PAPPENHEIMER . . . . . *Assistant Professor of Pathology*  
A.B., Harvard, 1898; M.D., Columbia, 1902.
- FREDERICK TILNEY . . . . . *Professor of Neurology and Neuro-Anatomy*  
A.B., Yale, 1897; M.D., Long Island College Hospital, 1903; Ph.D., Columbia, 1912.
- FRANKLIN MATTHEWS . . . . . *Associate Professor of Journalism*  
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- † WILLIAM DARRACH . . . . . *Professor of Clinical Surgery*  
A.B., Yale, 1897; A.M. and M.D., Columbia, 1901.
- RALPH W. GIFFORD . . . . . *Professor of Law*  
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- † HENRI F. MULLER . . . . . *Assistant Professor of French*  
B. és L., Paris, 1897; Ph.D., Columbia, 1912.
- † HAROLD W. WEBB . . . . . *Assistant Professor of Physics*  
A.B., Columbia, 1905; Ph.D., 1909.
- ARTHUR C. NEISH . . . . . *Assistant Professor of Chemistry*  
A.B., Queen's, 1898; A.M., Columbia, 1900; Ph.D., 1904.
- † DINO BIGONGIARI . . . . . *Assistant Professor of Italian*  
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A.B., Columbia, 1903; A.M., 1904; Ph.D., 1913.
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- JOHN M. NELSON . . . . . *Associate Professor of Organic Chemistry*  
B.S., Nebraska, 1907; Ph.D., Columbia, 1907.
- HARRY L. HOLLINGWORTH . . . . . *Associate Professor of Psychology*  
A.B., Nebraska, 1906; Ph.D., Columbia, 1909.
- † EDWARD D. THURSTON, JR. . . . . *Assistant Professor of Mechanical Engineering*  
A.B., Columbia, 1905; Mech.E., 1907.
- ERNEST H. WRIGHT . . . . . *Assistant Professor of English*  
A.B., Columbia, 1905; A.M., 1907; Ph.D., 1910.
- FRANK A. PATTERSON . . . . . *Assistant Professor of English*  
A.B., Syracuse, 1904; A.M., Columbia, 1907; Ph.D., 1911.
- WESLEY C. MITCHELL . . . . . *Professor of Economics*  
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- JEAN BROADHURST . . . . . *Assistant Professor of Biology in Teachers College*  
B.S., Columbia, 1903; A.M., 1908; Ph.D., Cornell, 1914.
- CLIFFORD D. CARPENTER . . . . . *Assistant Professor of Chemistry in Teachers College*  
B.Pd., Michigan State Normal College, 1905; A.B., 1906.
- MARY T. WHITLEY, *Assistant Professor of Educational Psychology in Teachers College*  
B.S., Columbia, 1905; A.M., 1906; Ph.D., 1911.
- CORA M. WINCHELL, *Assistant Professor of Household Arts Education in Teachers College*  
B.S., Columbia, 1909.
- CORNELIUS G. COAKLEY . . . . . *Professor of Laryngology and Otology*  
A.B., College of the City of New York, 1884; A.M., 1887; M.D., New York University, 1887.
- † ROBERT H. MONTGOMERY . . . . . *Assistant Professor of Accounting*
- JAMES P. C. SOUTHWALL . . . . . *Associate Professor of Physics*  
B.A., Virginia, 1891; M.A., 1893.
- † EUGENE H. POOL . . . . . *Professor of Clinical Surgery*  
A.B., Harvard, 1895; M.D., Columbia, 1899.
- † LINCOLN DEGROOT MOSS . . . . . *Assistant Professor of Mechanical Engineering*
- WARD A. HOLDEN . . . . . *Professor of Clinical Ophthalmology*  
A.B., Marietta College, 1884; A.M., 1888; M.D., Medical College of Ohio, 1887.
- EDWARD LIVINGSTON HUNT . . . . . *Assistant Professor of Clinical Neurology*  
A.B., Harvard, 1893; M.D., Columbia, 1896.
- \* EDWARD K. JUDD . . . . . *Assistant Professor of Mining*  
A.B., Williams, 1901; E.M., Columbia, 1904.
- † JAMES KENDALL . . . . . *Associate Professor of Chemistry*  
B.S., and M.A., Edinburgh, 1910; Sc.D., 1915.
- HENRY H. L. SCHULZE, *Assistant Professor of the Germanic Languages and Literatures*  
A.B., College of the City of New York, 1903; A.M., Columbia, 1905.
- JAMES K. FINCH . . . . . *Associate Professor of Civil Engineering*  
C.E., Columbia, 1906; A.M., 1911.
- EDWARD S. ELLIOTT . . . . . *Assistant Professor of Physical Education*  
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- BENJAMIN B. KENDRICK . . . . . *Assistant Professor of History*  
B.S., Mercer, 1905; A.M., Columbia, 1911; Ph.D., 1915.
- † LOUIS CASAMAJOR . . . . . *Associate Professor of Neurology*  
A.B., Columbia, 1903; A.M. and M.D., 1906.
- THOMAS H. BRIGGS . . . . . *Associate Professor of Education in Teachers College*  
A.B., Wake Forest, 1896; Ph.D., Columbia, 1914.
- EMMA H. GUNTHER . . . . . *Assistant Professor of Household Arts in Teachers College*  
B.S., Columbia, 1911; A.M., 1915.
- HOMER ST. CLAIR PACE, *Professor of Commercial Pharmacy in the College of Pharmacy*  
C.P.A., University of the State of New York, 1907.
- ROBERT M. RAYMOND . . . . . *Professor of Mining*  
A.B., University of New Brunswick, 1877; E.M., Columbia, 1889.
- † ALBERT A. MÉRAS . . . . . *Assistant Professor of French in Teachers College*  
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- WALTER A. BASTEDO . . . . . *Assistant Professor of Clinical Medicine*  
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A.B., Williams, 1900; M.D., Columbia, 1904.
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A.B., Syracuse, 1900; M.D., 1905.
- WILLIAM K. GREGORY . . . . . *Assistant Professor of Vertebrate Paleontology*  
A.B., Columbia, 1900; A.M., 1905; Ph.D., 1910.
- WILLIAM A. BORING . . . . . *Professor of Design*
- RICHARD FROTHINGHAM . . . . . *Assistant Professor of Laryngology and Otology*  
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- T. LAURANCE SAUNDERS . . . . . *Assistant Professor of Laryngology and Otology*  
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- EDWARD J. FORTIER . . . . . *Assistant Professor of French*  
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- ROSCOE GUERNSEY . . . . . *Assistant Professor of Classical Philology*  
A.B., Union, 1896; Ph.D., Johns Hopkins, 1901.
- † FREDERICK W. HEHRE . . . . . *Assistant Professor of Electrical Engineering*  
E.E., Columbia, 1908.
- ROBERT MURRAY HAIG . . . . . *Assistant Professor of Economics*  
A.B., Ohio Wesleyan, 1908; A.M., Illinois, 1909; Ph.D., Columbia, 1914.
- HENRY A. E. CHANDLER . . . . . *Associate Professor of Economics*  
B.S., Northwestern, 1905; Ph.D., Columbia, 1916.
- ANNA W. BALLARD . . . . . *Assistant Professor of French in Teachers College*  
A.B., Toronto, 1900; A.M., 1913.
- FEDERICO DE ONÍS . . . . . *Professor of Spanish Literature*
- JOHN MONTGOMERY GAMBRILL . . . . . *Assistant Professor of History in Teachers College*  
A.M., Columbia, 1913.

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- GARRARD GLENN . . . . . *Associate Professor of Law*  
A.B., Georgia, 1899; LL.B., Columbia, 1903.
- CHARLES D. HAZEN . . . . . *Professor of History*  
A.B., Dartmouth, 1889; Ph.D., Johns Hopkins, 1893; L.H.D., Hobart, 1911; Litt.D., Dartmouth, 1914.
- JEANNOT HOSTMANN . . . . . *Associate Professor of Chemistry in the College of Pharmacy*  
Ph.G., College of Pharmacy, 1896.
- † CARL W. LARSON . . . . . *Assistant Professor of Agriculture*  
B.S., Iowa State College, 1906; M.S., Pennsylvania State College, 1913; Ph.D., Columbia, 1916.
- HASTINGS LYON . . . . . *Assistant Professor of Finance*  
A.B., Dartmouth, 1901; LL.B., Harvard, 1905.
- ROS WELL C. MCCREA . . . . . *Professor of Economics*  
A.B., Haverford, 1897; A.M., Cornell, 1900; Ph.D., Pennsylvania, 1901.
- UNDERHILL MOORE . . . . . *Professor of Law*  
A.B., Columbia, 1900; A.M., 1901; LL.B., 1902.
- YOUNG B. SMITH . . . . . *Assistant Professor of Law*  
B.S., Georgia, 1909; LL.B., Columbia, 1912.
- DAVID SNEDDEN . . . . . *Professor of Education in Teachers College*  
A.B., St. Vincent's, 1890; A.B., Stanford, 1897; A.M., Columbia, 1901; Ph.D., 1907.
- ALEXANDER G. H. SPIERS . . . . . *Associate Professor of French*  
A.B., Haverford, 1902; A.M., Harvard, 1904; Ph.D., 1909.
- † J. BENTLEY SQUIER . . . . . *Professor of Urology*  
M.D., Columbia 1894.
- REV. H. E. W. FOSBROKE . . . . . *Dean of the General Theological Seminary*
- S. PHILIP GOODHART . . . . . *Assistant Professor of Neurology*  
M.D., Yale, 1894.
- ROSCOE C. E. BROWN . . . . . *Assistant Professor of Journalism*  
A.B., Rochester, 1889; A.M., 1904.
- OLIVER S. STRONG . . . . . *Assistant Professor of Neurology*  
A.B., Princeton, 1886; A.M., Columbia, 1892; Ph.D., 1896.
- HERMON W. FARWELL . . . . . *Assistant Professor of Physics*  
A.B., Dartmouth, 1902; A.M., 1906.
- LOUISE H. GREGORY . . . . . *Assistant Professor of Zoology in Barnard College*  
A.B., Vassar, 1903; A.M., Columbia, 1907; Ph.D., 1909.
- MAUDE A. HUTTMANN . . . . . *Assistant Professor of History in Barnard College*  
B.S., Columbia, 1904; A.M., 1905; Ph.D., 1914.
- ELEANOR KELLER . . . . . *Assistant Professor of Chemistry in Barnard College*  
A.B., Columbia, 1900; A.M., 1910.
- JOHN R. CRAWFORD . . . . . *Assistant Professor of Roman Archaeology*  
A.B., Allegheny, 1906; A.M., Harvard, 1908; Ph.D., 1916.
- HENRY W. L. DANA . . . . . *Assistant Professor of Comparative Literature*  
A.B., Harvard, 1903; A.M., 1904; Ph.D., 1910.  
[Appointment terminated October 1, 1917.]

† Absent on leave for national service.

- † JOHN J. COSS . . . . . *Assistant Professor of Philosophy*  
A.B., Wabash, 1906; A.M., Columbia, 1908; B.D., Union Theological Seminary, 1909.
- JOSEPH F. MCCARTHY . . . . . *Assistant Professor of Urology*  
Phar.D., New York College of Pharmacy, 1896; M.D., Columbia, 1901.
- VERA DANSCHAKOFF . . . . . *Assistant Professor of Anatomy*  
M.D., Lausanne, 1902; M.D., Petrograd Medical Academy, 1907.
- THURMAN W. VAN METRE . . . . . *Assistant Professor of Transportation*  
A.B., Indiana, 1910; A.M., 1911; Ph.D., Pennsylvania, 1913.
- † DEAN S. FANSLER . . . . . *Assistant Professor of English*  
A.B., Northwestern, 1906; A.M., Columbia, 1907; Ph.D., 1913.
- H. PARKER WILLIS . . . . . *Professor of Banking*  
A.B., Chicago, 1894; Ph.D., 1897.
- LEO H. BAEKELAND . . . . . *Honorary Professor of Chemical Engineering*  
B.S., University of Ghent, 1882; Sc.D., 1884.
- <sup>1</sup> WILLIAM C. BAGLEY . . . . . *Professor of Education in Teachers College*  
B.S., Mich. Agricultural College, 1895; M.S., Wisconsin, 1898; Ph.D., Cornell, 1900.
- FERNAND BALDENSPERGER . . . . . *Professor of French Literature*  
Licencié ès Lettres, Nancy, 1890; Docteur ès Lettres, Paris, 1899.
- OTIS W. CALDWELL . . . . . *Professor of Education in Teachers College*  
B.S., Franklin (Ind.) College, 1894; Ph.D., Chicago, 1898.
- FRANCIS W. COKER . . . . . *Lecturer in History with professorial rank*  
A.B., North Carolina, 1899; A.B., Harvard, 1902; Ph.D., Columbia, 1910.
- ARTHUR D. DEAN . . . . . *Professor of Education in Teachers College*  
B.S., Mass. Inst. of Tech., 1895.
- HENRY S. DUNNING . . . . . *Professor of Oral Surgery*  
D.D.S., New York College of Dentistry, 1904; M.D., Columbia, 1911; B.S., New York University, 1915.
- HENRY JONES FORD . . . . . *Lecturer in Politics with professorial rank*  
A.B., Baltimore City College, 1868.
- HENRY W. GILLET . . . . . *Professor of Operative Dentistry*  
D.M.D., Harvard, 1885.
- ARTHUR H. MERRITT . . . . . *Professor of Oral Hygiene*  
D.D.S., New York College of Dentistry, 1895.
- FREDERIC A. PEESO . . . . . *Professor of Dentistry*  
D.D.S., Pennsylvania, 1889.
- JAMES P. RUYL . . . . . *Assistant Professor of Dentistry*  
D.D.S., New York College of Dentistry, 1894.
- FRANK T. VAN WOERT . . . . . *Professor of Prosthodontia*  
M.D.S., New York State Dental Society, 1890.
- LEUMAN M. WAUGH . . . . . *Professor of Pathology in School of Dentistry*  
D.D.S., Univ. of Buffalo, 1900.
- J. LOWE YOUNG . . . . . *Professor of Orthodontia*  
D.D.S., Philadelphia Dental College, 1890.

† Absent on leave for national service.

<sup>1</sup> Absent on leave 1917-1918.

- † TRUMAN L. KELLEY . . . . . *Assistant Professor of Education in Teachers College*  
A.B., Illinois, 1909; A.M., 1911; Ph.D., Columbia, 1914.
- WALTER W. PALMER . . . . . *Associate Professor of the Practice of Medicine*  
B.S., Amherst, 1905; M.D., Harvard, 1910.
- THOMAS I. PARKINSON . . . . . *Professor of Legislation*  
A.B., Philadelphia Central High School, 1899; LL.B., Pennsylvania, 1902.
- KATHARINE C. REILEY . . . . . *Assistant Professor of Classical Philology*  
A.B., Vassar, 1895; A.M., Columbia, 1902; Ph.D., 1909.
- WILHELMINA SPOHR . . . . . *Assistant Professor of Household Arts Education*  
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B.S., Kansas State Agricultural College, 1897; B.S., Columbia, 1914; A.M., 1917.
- ISABEL M. STEWART . . . . . *Assistant Professor of Nursing and Health in Teachers College*  
B.S., Columbia, 1911; A.M., 1913.
- † MARION REX TRABUE . . . . . *Assistant Professor of Education in Teachers College*  
A.B., Northwestern, 1911; A.M., Columbia, 1914.
- Rev. ARTHUR C. MCGIFFERT . . . . . *President of the Union Theological Seminary*  
A.B., Western Reserve, 1882; A.M., 1885; D.D., 1892; D.D., Harvard, 1906; B.D., Union  
Theological Seminary, 1885; Ph.D., Marbury, 1888.
- EUGENE W. CALDWELL . . . . . *Professor of Roentgenology*  
M.D., University and Bellevue Hospital Medical College, 1905.
- RUSSELL A. HIBBS . . . . . *Professor of Orthopedic Surgery*  
M.D., Louisville, 1890.
- OSCAR J. CHASE, JR., . . . . . *Assistant Professor of Operative Dentistry*  
D.D.S., New York College of Dentistry, 1905.
- WILLIAM D. TRACY . . . . . *Associate Professor of Operative Dentistry*  
D.D.S., Pennsylvania, 1896.
- S. WELLING VAN SAUN . . . . . *Assistant Professor of Operative Dentistry*  
D.D.S., New York College of Dentistry, 1900.  
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## CLINICAL PROFESSORS

- JOHN S. THACHER . . . . . *Professor of Clinical Medicine*  
A.B., Yale, 1877; M.D., Columbia, 1880.
- WALTER F. CHAPPELL . . . . . *Professor of Clinical Laryngology and Otology*  
M.D., Toronto, 1879.
- PORTER F. CHAMBERS . . . . . *Professor of Clinical Gynecology*  
A.B., Emory, 1873; M.D., Bellevue Hospital Medical College, 1876.
- FRANCIS HUBER . . . . . *Professor of Clinical Medicine*  
B.S., College of the City of New York, 1873; M.D., College of Physicians and Surgeons, 1877.
- ALEXANDER B. JOHNSON . . . . . *Professor of Clinical Surgery*  
Ph.B., Yale, 1882; M.D., Columbia, 1885.
- ROBERT LEWIS . . . . . *Professor of Clinical Laryngology and Otology*  
M.D., Columbia, 1885.
- OTTO G. T. KILIANI . . . . . *Professor of Clinical Surgery*  
M.D., Halle, 1888

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- JACOB KAUFMAN . . . . . *Professor of Clinical Medicine*  
M.D., Strassburg, 1885
- RUDOLF C. DENIG . . . . . *Professor of Clinical Ophthalmology*  
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- † NATHAN E. BRILL . . . . . *Professor of Clinical Medicine*  
A.B., College of the City of New York, 1877; A.M., 1883; M.D., New York University, 1880.
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- NORBERT STADTMÜLLER . . . . . *Professor of Clinical Medicine*  
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- FRANK R. OASTLER . . . . . *Professor of Clinical Gynecology*  
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A.B., Yale, 1884; M.D., Columbia, 1887.
- ALEXIS V. MOSCHCOWITZ . . . . . *Professor of Clinical Surgery*  
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- GEORGE LUDWIG LA PORTE . . . . . *Assistant Professor of Clinical Medicine*  
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## ASSOCIATES

- JOHN DOUGLAS ADAM . . . . . *Religion*  
D.D., Rutgers, 1899.
- ALBERT W. ATWOOD . . . . . *Journalism*  
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† Absent on leave for national service.

\* Including those absent on leave for national service.

- CHARLES H. BAILEY . . . . . *Pathology*  
A.B., Brown, 1903; M.D., Harvard, 1910.
- FREDERIC H. BARTLETT . . . . . *Diseases of Children*  
A.B., Harvard, 1895; A.M., Columbia, 1898; M.D., 1905.
- HENRY W. BERG . . . . . *Diseases of Children*  
A.B., College of the City of New York, 1878; M.D., Columbia, 1881.
- ALBIN H. BEYER . . . . . *Civil Engineering*  
C.E., Columbia, 1903.
- FREDERICK D. BULLOCK . . . . . *Cancer Research*  
B.S., Kentucky State College, 1899; M.D., Johns Hopkins, 1907.
- HERBERT S. CARTER . . . . . *Medicine*  
A.B., Princeton, 1892; A.M., 1895; M.D., Columbia, 1895.
- † EDWARD M. COLIE, JR. . . . . *Clinical Obstetrics*  
A.B., Columbia, 1902; M.D., 1905.
- † KARL A. CONNELL . . . . . *Surgery*  
M.D., Columbia, 1900.
- JAMES A. CORSCADEN . . . . . *Surgery (also Instructor in Gynecology)*  
Ph.B., Wesleyan, 1902; M.D., Columbia, 1906.
- RICHARD H. CUNNINGHAM . . . . . *Physiology*  
M.D., Virginia Medical College, 1886; M.D., Columbia, 1888.
- MAYNIE R. CURTIS . . . . . *Cancer Research*  
A.B., Michigan, 1905; A.M., 1908; Ph.D., 1913.
- † GEORGE DRAPER . . . . . *Medicine*  
A.B., Harvard, 1903; M.D., Columbia, 1906.
- GERTRUDE DUDLEY . . . . . *Physical Education*
- ADOLPH ELWYN . . . . . *Anatomy*  
B.S., Columbia, 1915; A.M., 1917.
- LEMUEL W. FAMULENER . . . . . *Serology*  
Ph.C., Michigan, 1900; A.B., 1903; M.D., 1906.
- † ROBERT T. FRANK . . . . . *Cancer Research*  
A.B., Harvard, 1896; A.M. and M.D., Columbia, 1900.
- H. RAWLE GEYELIN . . . . . *Medicine*  
A.B., Pennsylvania, 1906; M.D., 1909.
- † FREDERIC G. GOODRIDGE . . . . . *Biological Chemistry*  
A.B., Harvard, 1897; M.D., Columbia, 1901; Ph.D., 1915.
- FREDERICK S. GOUCHER . . . . . *Physics (Research)*  
A.B., Acadia, 1909; B.Sc., 1910; A.B., Yale, 1911; A.M., 1912.  
[Resigned September 1, 1917.]
- JAMES T. GRADY . . . . . *Journalism*  
LL.B., Columbia, 1917.
- FORBES HAWKES . . . . . *Surgery*  
A.B., Yale, 1887; M.D., Columbia, 1891.
- ROYAL S. HAYNES . . . . . *Diseases of Children*  
Ph.B., Cornell, 1899; M.D., Columbia, 1903.

† Absent on leave for national service.



- † WILLIAM W. HERRICK . . . . . *Medicine*  
A.B., Yale, 1902; M.D., 1905.
- JOHN VANCE HEWITT . . . . . *Law*  
A.B., Missouri, 1905; LL.B., Columbia, 1912.
- BENJAMIN HOROWITZ . . . . . *Biological Chemistry*  
Chemist, Columbia, 1911; A.M., 1912; Ph.D., 1913.
- LINNAEUS E. LA FETRA . . . . . *Diseases of Children*  
A.B., Wesleyan, 1891; M.D., Columbia, 1894.
- ALBERT R. LAMB . . . . . *Medicine*  
A.B., Yale, 1903; M.D., Columbia, 1907.
- ROBERT A. LAMBERT . . . . . *Pathology*  
M.D., Tulane, 1907.
- WILLIAM BAYARD LONG . . . . . *Cancer Research*  
A.B., Columbia, 1908; M.D., 1910.
- RALPH H. MCKEE . . . . . *Chemical Engineering*  
A.B., Wooster, 1895; A.M., 1897; Ph.D., Chicago, 1901.
- ROBERT E. MACALARNEY . . . . . *Journalism*  
A.B., Dickinson, 1893.
- HAROLD R. MEDINA . . . . . *Law*  
A.B., Princeton, 1909; LL.B., Columbia, 1912.
- T. NELSON METCALF . . . . . *Physical Education*  
A.B., Oberlin, 1912.
- EDGAR G. MILLER, JR. . . . . *Biological Chemistry*  
B.S., Gettysburg, 1911; Ph.D., Columbia, 1913.
- FREDERICK PRIME . . . . . *Cancer Research*  
B.S., Pennsylvania, 1902; M.D., 1905.
- MRS. EMILY JAMES PUTNAM . . . . . *History*  
A.B., Bryn Mawr, 1889.
- GEORGE L. ROHDENBURG . . . . . *Cancer Research*  
M.D., Cornell, 1905.
- † ERNEST L. SCOTT . . . . . *Physiology*  
S.B., Ohio Wesleyan, 1902; S.M., Chicago, 1911; Ph.D., Columbia, 1914.
- J. CLAYTON SHARP . . . . . *Anatomy*  
M.D., Columbia, 1901.
- † T. LESLIE SHEAR . . . . . *Classical Philology*  
A.B., New York University, 1900; A.M., 1903; Ph.D., Johns Hopkins, 1904.
- EDWIN E. SLOSSON . . . . . *Journalism*  
B.S., Kansas, 1890; M.S., 1892; Ph.D., Chicago, 1902.
- CHARLES H. SMITH . . . . . *Diseases of Children*  
B.S., Cornell, 1897.
- BENJAMIN T. TERRY . . . . . *Pathology*  
A.B., Vanderbilt, 1898; A.M., 1900; M.D., Johns Hopkins, 1904.
- † HENRY C. THACHER . . . . . *Medicine*  
A.B., and M.S., Yale, 1902; M.D., Johns Hopkins, 1906.

† Absent on leave for national service.

- STUART L. TYSON . . . . . *Religion*  
M.A., Oxford, 1905.
- CARL VAN DOREN . . . . . *English*  
A.B., Illinois, 1907; Ph.D., Columbia, 1911.
- FRANK E. WARD . . . . . *Music*
- ARTHUR WARE . . . . . *Architecture*  
B.S., Columbia, 1898; Diplômé, École des Beaux-Arts, 1903.
- MABEL F. WEEKS . . . . . *English*  
A.B., Radcliffe, 1894.
- JOSEPH S. WHEELWRIGHT . . . . . *Physiology*  
A.B., Yale, 1897; M.D., Cornell, 1900.
- ALLEN O. WHIPPLE . . . . . *Surgery*  
B.S., Princeton, 1904; M.D., Columbia, 1908.
- \*(53)

## INSTRUCTORS

- PHINEAS H. ADAMS . . . . . *Medicine*  
M.D., Columbia, 1909.
- L. HERBERT ALEXANDER . . . . . *French*  
A.B., Toronto, 1883; A.M., 1885; Ph.D., Columbia, 1911.
- GEORGE M. ALLEN . . . . . *Graphics*  
B.Arch., Columbia, 1914.
- THADDEUS H. AMES . . . . . *Clinical Neurology*  
A.B., Michigan, 1905; M.D., 1907.
- WALTER P. ANDERTON . . . . . *Medicine*  
A.B., Harvard, 1908; M.D., Columbia, 1911.
- LOUIS S. ARONSON . . . . . *Neurology*  
M.D., Columbia, 1904.
- † DANA W. ATCHLEY . . . . . *Clinical Pathology and Medicine*  
S.B., Chicago, 1911; M.D., Johns Hopkins, 1915.
- † RICHARD T. ATKINS . . . . . *Laryngology and Otology*  
M.D., Bellevue Medical College, 1906.
- DANIEL R. AYRES . . . . . *Gynecology*  
A.B., Harvard, 1905; M.D., Columbia, 1909.
- JAMES W. BABCOCK, M.D. . . . . *Laryngology and Otology*  
Litt. B., Rutgers, 1909; A.M., 1915; M.D., Columbia, 1913.
- ARNOLD K. BALLS . . . . . *Bacteriology*  
B.S., Pennsylvania, 1912; Ph.D., Columbia, 1917.
- FREDERIC W. BANCROFT . . . . . *Surgery*  
A.B., Stanford, 1902; M.D., Johns Hopkins, 1906.
- CLARENCE G. BANDLER . . . . . *Urology*  
M.D., Columbia, 1904.
- FREDERICK BARRY . . . . . *Chemistry*  
A.B., Harvard, 1897; A.M., 1909; Ph.D., 1911.

† Absent on leave for national service.

\* Including those absent on leave for national service.

- COLIN L. BEGG . . . . . *Urology*  
A.B., Queen's, 1895; M.D., Toronto, 1898.
- H. EVERETT BEISER . . . . . *Operative Dentistry*  
D.D.S., New York College of Dentistry, 1914.
- WILLIAM F. BENDER . . . . . *Physiology*  
M.D., Columbia, 1913.
- FRANK WARNER BISHOP . . . . . *Physiology and Medicine*  
B.S., Columbia, 1910; M.D., 1912.
- HUGH B. BLACKWELL . . . . . *Clinical Laryngology and Otology*  
M.D., Virginia, 1901.
- RALPH H. BLANCHARD . . . . . *Insurance*  
A.B., Dartmouth, 1911; A.M., 1912; Ph.D., Pennsylvania, 1916.
- RALPH S. BOOTS . . . . . *Politics*  
A.B., Grove City, 1911; A.M., Columbia, 1916, Ph.D., 1917.
- J. FLOYD BOWMAN . . . . . *Clinical Laryngology and Otology*  
A.B., Columbia, 1900; M.D., 1904.
- EDWARD C. BRENNER . . . . . *Medicine*  
A.B., College of the City of New York, 1904; M.D., Columbia, 1908.
- DOROTHY BREWSTER . . . . . *English*  
A.B., Columbia, 1906; A.M., 1907; Ph.D., 1913.
- ALFRED J. BROWN . . . . . *Anatomy and Clinical Surgery*  
A.B., Yale, 1899; M.D., Columbia, 1903.  
[Resigned March 1, 1918]
- LEO BUERGER . . . . . *Clinical Surgery*  
A.B., College of the City of New York, 1897; A.M. and M.D., Columbia, 1901.
- HENRY G. BUGBEE . . . . . *Clinical Surgery*  
M.D., Columbia, 1903.
- † SIDNEY R. BURNAP . . . . . *Surgery*  
A.B., Yale, 1905; M.D., Columbia, 1909.
- DEVER SMITH BYARD . . . . . *Diseases of Children*  
M.D., New York University, 1895.
- GEORGE F. CAHILL . . . . . *Urology*  
M.D., Yale, 1911.
- EDWIN A. CAMERON . . . . . *Gynecology*  
M.D., Vermont, 1915.
- GASTON A. CARLUCCI . . . . . *Anatomy and Surgery*  
M.D., Columbia, 1908.
- CHARLES E. CARR . . . . . *Medicine*  
A.B., Indiana, 1905; M.D., Columbia, 1913.
- † MATTHEW L. CARR . . . . . *Laryngology and Otology*  
A.B., Wake Forest, 1889; M.D., Columbia, 1892.
- F. MORRIS CLASS . . . . . *Medicine*  
A.B., Harvard, 1903; M.D., Columbia, 1907.

† Absent on leave for national service.

- ORAL S. COAD . . . . . *English*  
A.B., Knox, 1909; A.M., Columbia, 1911; Ph.D., 1917.
- † GERHARD H. COCKS . . . . . *Clinical Laryngology and Otology*  
A.B., Yale, 1899; M.D., Columbia, 1903.
- ARTHUR P. COLL . . . . . *Laryngology and Otology*  
M.D., Columbia, 1890.
- † HOWARD D. COLLINS . . . . . *Clinical Surgery*  
A.B., Yale, 1890; M.D., Columbia, 1893.
- ROY J. COLONY . . . . . *Geology*  
B.Chem., Cooper Union, 1905.
- RALPH COLP . . . . . *Surgery*  
A.B., Columbia, 1913; M.D., 1915.
- DUDLEY S. CONLEY . . . . . *Clinical Surgery (also Assistant in Anatomy)*  
B.L., Missouri State, 1899; M.D., Columbia, 1906.
- WILLIAM F. COOLEY . . . . . *Philosophy*  
B.S., New York University, 1878; M.S., 1892; B.D., Union Theological Seminary, 1907;  
Ph.D., Columbia, 1909.
- HARRY T. COSTELLO . . . . . *Philosophy*  
A.B., Earlham, 1908; A.M., Harvard, 1910; Ph.D., 1911.
- WILLIAM WHEELER COX . . . . . *Physiology and Pharmacology*  
M.D., Bellevue Medical College, 1914.
- † WILLIAM F. CUNNINGHAM . . . . . *Surgery*  
M.D., Yale, 1911.
- † EDWARD CUSSLER . . . . . *Clinical Medicine*  
M.D., Columbia, 1904.
- CONDUCT W. CUTLER, JR. . . . . *Gynecology*  
B.S., Columbia, 1910; M.D., 1912.  
[Resigned March 1, 1918]
- BYRON C. DARLING . . . . . *Orthopedic Surgery*  
M.D., Harvard, 1903.
- PIERRE DE BACOURT . . . . . *French*  
B.A., Lyons, 1886; B.S., 1887; B.L., Paris, 1892; Licencié en Droit, Nancy, 1893.
- † RICHARD DERBY . . . . . *Clinical Surgery*  
A.B., Harvard, 1903; M.D., Columbia, 1907.
- ROY F. DIBBLE . . . . . *English*  
A.B., Clark, 1912.
- OSCAR DIEM . . . . . *Ophthalmology*  
M.D., Zurich, 1902.
- † PAUL A. DINEEN . . . . . *Clinical Surgery*  
M.D., Columbia, 1914.
- BERNARD O. DODGE . . . . . *Botany*  
Ph.B., Wisconsin, 1909; Ph.D., Columbia, 1912.
- † JAMES L. DOHR . . . . . *Accounting*  
A.B., Wisconsin, 1914; M.S., Columbia, 1917.

† Absent on leave for national service.

- KIRBY DWIGHT . . . . . *Surgery*  
A.B., Princeton, 1901; M.D., Columbia, 1905.
- JAMES G. DWYER . . . . . *Bacteriology*  
M.D., Queen's, 1905.
- SEWARD ERDMAN . . . . . *Clinical Surgery*  
A.B., Princeton, 1897; M.D., Columbia, 1902.
- ARCHIBALD P. EVANS . . . . . *Electro-Diagnosis and Electro-Therapeutics*  
M.D., Columbia, 1905.
- † AUSTIN P. EVANS . . . . . *History*  
A.B., Cornell, 1911; Ph.D., 1916.
- HAROLD A. FALES . . . . . *Chemistry*  
B.S., Brooklyn Polytechnic, 1911; A.M., Columbia, 1914; Ph.D., 1916.
- LEE H. FERGUSON . . . . . *Medicine*  
B.S., Ohio Wesleyan, 1913; M.D., Columbia, 1917.
- WILLIAM FERGUSON . . . . . *Clinical Laryngology and Otology*  
M.D., McGill, 1894.
- CHARLES A. FISCHER . . . . . *Mathematics*  
A.B., Wheaton, 1905; A.M., Illinois, 1910; Ph.D., Chicago, 1912.
- HERMANN FISCHER . . . . . *Clinical Surgery*  
M.D., Columbia, 1896.
- HARRY L. FISHER . . . . . *Organic Chemistry*  
A.B., Williams, 1909; A.M., Columbia, 1910; Ph.D., 1912.
- DIXON R. FOX . . . . . *History*  
A.B., Columbia, 1911; A.M., 1912; Ph.D., 1917.
- ALPHEUS FREEMAN . . . . . *Medicine*  
M.D., Columbia, 1882.
- JOSEPH E. FULD . . . . . *Surgery*  
M.D., Columbia, 1893.
- JESSE J. GALLOWAY . . . . . *Palaeontology*  
A.B., Indiana, 1909; A.M., 1911; Ph.D., 1913.
- GEORGE W. GARDNER . . . . . *Prosthetic Dentistry*  
D.D.S., Buffalo, 1903.
- HARRY F. GARDNER . . . . . *Mineralogy*  
B.S., Michigan, 1912.
- JOSEPH H. GLOBUS . . . . . *Pathology*  
B.S., Columbia, 1915; M.D., Cornell, 1917.
- ALEXANDER GOLDENWEISER . . . . . *Anthropology*  
A.B., Columbia, 1902; A.M., 1904; Ph.D., 1910.
- MAXIMILIAN W. GOLDSTEIN . . . . . *Clinical Medicine*  
B.S., St. Ignatius (Chicago); M.D., Loyola University School of Medicine, 1912.
- GRACE H. GOODALE . . . . . *Classical Philology*  
A.B., Columbia, 1899; A.M., 1916.
- ABRAHAM L. GOODMAN . . . . . *Clinical Diseases of Children*  
Ph.G., New York College of Pharmacy, 1891; M.D., Columbia, 1895.

† Absent on leave for national service.

- DONALD GORDON . . . . . *Surgery*  
M.D., Columbia, 1906.
- † RODERICK V. GRACE . . . . . *Surgery*  
A.B., College of the City of New York, 1904; M.D., Columbia, 1911.
- F. WALTER GRAVELLE . . . . . *Anatomy*  
M.D., Queen's, 1911.
- JESSE M. GRAY . . . . . *Germanic Languages and Literatures*  
A.B., Olivet, 1904; A.M., Columbia, 1913.
- NATHAN W. GREEN . . . . . *Surgery*  
A.B., Yale, 1894; A.M., and M.D., Columbia, 1898.
- JULES V. HABERMAN . . . . . *Psycho-Therapy*  
A.B., Columbia, 1903; M.D., 1905.
- PAUL C. HAESELER . . . . . *Chemistry*  
S.B., Chicago, 1911.
- HENRY E. HALE . . . . . *Medicine*  
A.B., Princeton, 1892; A.M., 1896; M.D., Columbia, 1896.
- ROBERT L. HALE . . . . . *Economics*  
A.B., Harvard, 1906; A.M., 1907; LL.B., 1909.  
[Resigned February 1, 1918]
- JOHN M. HALL . . . . . *Clinical Laryngology and Otology*  
M.D., Cornell, 1904.
- WILLIAM HALLER . . . . . *English*  
A.B., Amherst, 1908; A.M., Columbia, 1911; Ph.D., 1916.
- FRANK M. HALLOCK . . . . . *Neurology*  
M.D., New York Homeopathic Medical College, 1893.
- JOHN MUNN HANFORD . . . . . *Surgery*  
M.D., Bellevue Hospital Medical College, 1909; A.B., Williams, 1915.
- † MRS. JULIANA HASKELL . . . . . *Germanic Languages and Literatures*  
A.B., Columbia, 1904; A.M., 1905; Ph.D., 1908.
- W. HALL HAWKINS . . . . . *Anatomy and Surgery*  
M.D., Johns Hopkins, 1911.
- PHILIP M. HAYDEN . . . . . *Spanish*  
A.B., Tufts, 1903; A.M., Columbia, 1913.
- HAROLD HAYS . . . . . *Clinical Laryngology and Otology*  
A.B., Columbia, 1902; A.M., and M.D., 1905.
- OTTO HENSEL . . . . . *Clinical Medicine*  
Ph.G., New York College of Pharmacy, 1895; M.D., Columbia, 1900.
- ARTHUR L. HERRICK . . . . . *Mechanical Engineering*  
B.S., Dartmouth, 1909; C.E., Wisconsin, 1910.  
[Resigned February 1, 1918]
- WARREN HILDRETH . . . . . *Gynecology*  
A.B., Princeton, 1906; M.D., Columbia, 1910.
- SAMUEL HIRSHFELD . . . . . *Pathology*  
M.D., Columbia, 1918.

† Absent on leave for national service.

- RALPH HODDER-WILLIAMS . . . . . *Military Training*  
B.A. (Oxon.), 1911; M.A. (Oxon.), 1917.
- † RANSOM S. HOOKER . . . . . *Clinical Surgery*  
B.L., Hobart, 1895; M.D., Columbia, 1900.
- CLARE M. HOWARD . . . . . *English*  
A.B., Columbia, 1903; A.M., 1904; Ph.D., 1914.
- HUBERT S. HOWE . . . . . *Medicine and Neurology*  
A.B., Denver, 1908; M.D., Columbia, 1912.
- RANDAL HOYT . . . . . *Neurology*  
B.S., Princeton, 1905; M.D., Columbia, 1910.
- FLORENCE HULTON-FRANKEL . . . . . *Bacteriology*  
B.S., Pennsylvania, 1907; M.S., 1914; Ph.D., 1916.
- JOSEPH A. HYAMS . . . . . *Urology*  
M.D., Columbia, 1905.
- LOUIS IMBERT . . . . . *Spanish*  
A.B., Missouri, 1906; A.M., 1907.
- CHARLES G. IRISH . . . . . *Physiology*  
A.B., Hobart, 1911; M.D., Columbia, 1915.  
[Resigned February 1, 1918]
- PETER IRVING . . . . . *Clinical Medicine*  
A.B., Columbia, 1900; M.D., 1903.
- CHARLES H. JAEGER . . . . . *Orthopedic Surgery*  
M.D., Columbia, 1896.  
[Resigned March 1, 1918.]
- ELIZABETH C. JAGLE . . . . . *Neurology*  
M.D., Cornell, 1902.
- † HENRY JAMES . . . . . *Medicine*  
A.B., Yale, 1903; M.D., Columbia, 1907.
- EDMUND R. P. JANVRIN . . . . . *Medicine*  
A.B., Princeton, 1905; M.D., Columbia, 1909.
- D. STUART DODGE JESSUP . . . . . *Clinical Pathology*  
A.B., Princeton, 1891; A.M., 1894; M.D., Columbia, 1894.
- FREDERICK R. KELLER . . . . . *Electrical Engineering*  
E.E., Columbia, 1911.
- EDWARD T. KENNEDY . . . . . *Physical Education*  
[Resigned April 21, 1918.]
- JOHN D. KERNAN, JR. . . . . *Laryngology and Otology (also Assistant in Anatomy)*  
A.B., Harvard, 1900; M.D., Columbia, 1903.
- LEO KESSEL . . . . . *Medicine*  
M.D., Columbia, 1903.
- ROY B. KESTER, A.M. . . . . *Accounting*  
A.B., Missouri Wesleyan, 1902; B.C.S., Denver, 1911; A.M., 1912.
- SAMUEL J. KIEHL . . . . . *Chemistry*  
A.B., Otterbein, 1910.

† Absent on leave for national service.

ROLFE KINGSLEY . . . . .	<i>Urology</i>
Ph.B., Yale, 1902; M.D., Columbia, 1906.	
† RALPH A. KINSELLA . . . . .	<i>Medicine</i>
A.B., St. Louis, 1906; A.M., 1910; M.D., 1911.	
CHARLES W. KNAPP . . . . .	<i>Medicine</i>
A.B., Yale, 1908; M.D., Columbia, 1913.	
E. WILLIS KOBLER . . . . .	<i>Laryngology and Otology</i>
M.D., Columbia, 1906.	
JOSEPH W. KRUTCH . . . . .	<i>English</i>
A.B., Tennessee, 1915; A.M., Columbia, 1916.	
[Resigned April 1, 1918.]	
WILLIAM SARGENT LADD . . . . .	<i>Medicine</i>
B.S., Amherst, 1910; M.D., Columbia, 1915.	
KENNETH W. LAMSON . . . . .	<i>Mathematics</i>
A.B., Harvard, 1906; Ph.D., Chicago, 1917.	
GRACE LANGFORD . . . . .	<i>Physics</i>
S.B., Mass. Inst. of Tech., 1900.	
BIRD LARSON . . . . .	<i>Physical Education</i>
B.S., Columbia, 1914.	
MINOR W. LATHAM . . . . .	<i>English</i>
A.B., Mississippi State College for Women, 1901; A.M., Columbia, 1912.	
SYLVESTER R. LEAHY . . . . .	<i>Neurology</i>
OTTO H. LEBER . . . . .	<i>Physiology</i>
A.B., Columbia, 1904; M.D., 1908.	
ALMA DE L. LE DUC . . . . .	<i>French</i>
Ph.B., Chicago, 1899; A.M., Columbia, 1909; Ph.D., 1916.	
JOHN LESHURE . . . . .	<i>Laryngology and Otology</i>
A.B., College of the City of New York, 1894; M.D., Columbia, 1898.	
KARL J. LOEWI . . . . .	<i>Surgery and Anatomy</i>
M.D., Vienna, 1904.	
MRS. FLORENCE DE L. LOWTHER . . . . .	<i>Zoology</i>
A.B., Columbia, 1912; A.M., 1915.	
JOHN B. LYNCH . . . . .	<i>Ophthalmology</i>
M.D., New York University, 1886.	
EDWARD C. LYON, JR. . . . .	<i>Gynecology</i>
A.B., Princeton, 1902; M.D., Columbia, 1906.	
JOHN H. H. LYON . . . . .	<i>English</i>
† MALCOLM MCBURNEY . . . . .	<i>Bacteriology</i>
A.B., Harvard, 1906; M.D., Columbia, 1910.	
JOHN A. MCCREERY . . . . .	<i>Clinical Surgery</i>
A.B., Harvard, 1906; A.M., 1907; M.D., Columbia, 1910.	
CHARLES A. MCKENDREE . . . . .	<i>Neurology</i>
M.D., Dartmouth, 1910.	

† Absent on leave for national service.



- JOHN E. MCWHORTER . . . . . *Surgery*  
M.D., Columbia, 1898.
- † CLARENCE A. MCWILLIAMS . . . . . *Surgery*  
A.B., Princeton, 1892; A.M., 1895; M.D., Columbia, 1895.
- † JAMES S. MACGREGOR . . . . . *Civil Engineering*  
B.S., Mass. Inst. of Tech., 1902; M.S., 1904.
- † CONSTANTINE J. MACGUIRE, JR. . . . . *Clinical Surgery*  
A.B., Yale, 1907; M.D., Columbia, 1911.
- GEORGE M. MACKEE . . . . . *Dermatology and Syphilology*  
M.D., New York University and Bellevue Hospital Medical College, 1899.
- † ARTHUR W. MACMAHON . . . . . *Politics*  
A.B., Columbia, 1912; A.M., 1913.
- † GUSTAVE R. MANNING . . . . . *Diseases of Children*  
M.D., Freiberg, 1898.
- † ALEXANDER T. MARTIN . . . . . *Medicine*  
B.S., Princeton, 1909; M.D., Pennsylvania, 1913.
- † FRANK L. MASON . . . . . *Electrical Engineering*  
E.E., Columbia, 1909.
- HOWARD H. MASON . . . . . *Diseases of Children*  
A.B., Brown, 1900; M.D., Columbia, 1904.
- GILBERT W. MEAD . . . . . *English*  
A.B., Allegheny, 1911; A.M., Columbia, 1916.
- † CARL J. MERNER . . . . . *Physical Education*
- WILLIAM S. MESSER . . . . . *Classical Philology*  
A.B., Columbia, 1905; A.M., 1909.
- ALFRED MICHAELIS . . . . . *Laryngology and Otology*  
A.B., College of the City of New York, 1894; M.D., Columbia, 1898.
- HYMEN R. MILLER . . . . . *Bacteriology (also Assistant in Clinical Medicine)*  
B.S., Columbia, 1908; M.D., 1911.
- CHARLES C. MOOK . . . . . *Geology*  
B.S., Columbia, 1912; A.M., 1914; Ph.D., 1915.
- † PARKER T. MOON . . . . . *History*  
B.S., Columbia, 1913.
- WILLIAM T. MORGAN . . . . . *History*  
Ph.B., Ohio, 1909; A.M., Harvard, 1910; Ph.D., Yale, 1916.
- DUDLEY H. MORRIS . . . . . *Surgery (also Assistant in Cancer Research)*  
A.B., Columbia, 1905; M.D., 1909.
- FREDERICK K. MORRIS . . . . . *Geology*  
B.S., College of the City of New York, 1904; A.M., Columbia, 1910.
- LEIGHTON B. MORSE . . . . . *Physics*  
Ph.B., Iowa College, 1903; Ph.D., Columbia, 1908.
- GEORGE W. MULLINS . . . . . *Mathematics*  
A.B., Arkansas, 1904; A.M., Columbia, 1913; Ph.D., 1917.

† Absent on leave for national service.

- ARTHUR E. NEERGAARD . . . . . *Medicine*  
A.B., Yale, 1904; M.D., Columbia, 1910.
- EMERY E. NEFF . . . . . *English*  
A.B., Ohio Wesleyan, 1913; A.M., Columbia, 1904.  
[Resigned March 1, 1918]
- † HAROLD NEUHOF . . . . . *Clinical Surgery*  
M.D., Columbia, 1905.
- NATHANIEL R. NORTON . . . . . *Diseases of Children*  
Ph.B., Yale, 1891; M.D., Columbia, 1894.
- HANSON S. OGILVIE . . . . . *Neurology*  
M.D., Medical College of Virginia, 1909.
- CHARLES OSGOOD . . . . . *Laryngology and Otology*  
M.D., Columbia, 1903.
- MICHAEL OSNATO . . . . . *Neurology*  
M.D., Columbia, 1906.
- REUBEN OTTENBERG . . . . . *Bacteriology*  
A.B., Columbia, 1902; M.D., 1905.
- † ROBERTS B. OWEN . . . . . *Philosophy*  
A.B., Chicago, 1910; Ph.D., 1914.
- CHARLES PACKARD . . . . . *Zoology*  
B.S., Syracuse, 1907; M.S., 1908; Ph.D., Columbia, 1914.
- † WILLIAM BARCLAY PARSONS, JR. . . . . *Surgery*  
M.D., Columbia, 1914.
- WILLIAM M. PATTERSON . . . . . *English*  
A.B., Vanderbilt, 1899; Ph.D., Columbia, 1916.
- † OTTO C. PICKHARDT . . . . . *Anatomy*  
A.B., Yale, 1908; M.D., Columbia, 1912.
- † ALBERT T. POFFENBERGER, JR. . . . . *Psychology*  
A.B., Bucknell, 1909; A.M., Columbia, 1910; Ph.D., 1912.
- EDWARD L. PRATT . . . . . *Laryngology and Otology*  
A.B., Yale, 1907; M.D., Columbia, 1911.
- † CHARLES I. PROBEN . . . . . *Gynecology*  
Ph.G., College of Pharmacy, 1883; M.D., Columbia, 1890.
- † EDWIN G. RAMSDELL . . . . . *Surgery*  
A.B., Columbia, 1905; M.D., 1908.
- JOHN S. RICHARDS . . . . . *Psychiatry*  
M.D., Louisville, 1903; M.D., Bellevue Medical College, 1907.
- † HENRY A. RILEY . . . . . *Neurology*  
A.B., Yale, 1908; A.M. and M.D., Columbia, 1912.
- ISADORE ROSEN . . . . . *Syphilis*  
M.D., Columbia, 1903.
- CHARLES ROSENHECK . . . . . *Neurology*  
M.D., Columbia, 1905.

† Absent on leave for national service.

- † JAMES I. RUSSELL . . . . . *Clinical Surgery*  
A.B., Virginia, 1897; M.D., Columbia, 1901.
- JESSE F. SAMMIS . . . . . *Diseases of Children*  
A.B., Princeton, 1902; M.D., Columbia, 1906.
- HERBERT W. SCHNEIDER . . . . . *Philosophy*  
A.B., Columbia, 1915; Ph.D., 1917.  
[Resigned April 1, 1918.]
- MARK J. SCHOENBERG . . . . . *Ophthalmology*  
M.D., Bucharest, 1899.
- FREDERICK W. SCHOLZ . . . . . *German*  
A.B., Columbia, 1911; A.M., 1912.
- MAX SCHULMAN . . . . . *Medicine*  
M.D., Columbia, 1905.
- OTTO M. SCHWERDTFEGER . . . . . *Clinical Medicine*  
M.D., Long Island Medical College, 1898.
- WILLARD L. SEVERINGHAUS . . . . . *Physics*  
A.B., German Wallace College, 1904; A.M., 1905; Ph.D., Columbia, 1914.
- LEANDER H. SHEARER . . . . . *Medicine*  
A.B., Princeton, 1897; M.D., Columbia, 1901.
- HERBERT N. SHENTON . . . . . *Sociology*  
Ph.B., Dickinson, 1906; A.M., 1909; B.D., Drew Theological Seminary, 1910.
- THOMAS T. SHEPPARD . . . . . *Pharmacology and Physiology*  
A.B., Yale, 1914; M.D., Columbia, 1918.
- MAURICE J. SITTENFIELD . . . . . *Pathology*  
M.D., Bellevue Hospital Medical College, 1898.
- † MARTIN DEF. SMITH . . . . . *Medicine (also Assistant in Anatomy)*  
A.B., Columbia, 1909; M.D., 1912.
- MORRIS K. SMITH . . . . . *Clinical Surgery*  
A.B., Dartmouth, 1907; A.M., and M.D., 1911.
- † THAYER A. SMITH . . . . . *Medicine*  
A.B., Dartmouth, 1910; M.D., Columbia, 1914.
- ROBERT G. SNYDER . . . . . *Clinical Medicine*  
M.D., Toronto, 1904.
- † FORDYCE B. ST. JOHN . . . . . *Clinical Surgery*  
B.S., Princeton, 1905; M.D., Columbia, 1909.
- MAXIMILIAN STERN . . . . . *Urology*  
M.D., Columbia, 1900.
- DEWITT STETTEN . . . . . *Clinical Surgery*  
M.D., Columbia, 1901.
- DOROTHY STILES . . . . . *Physical Education*
- ARTHUR P. STOUT . . . . . *Surgery*  
A.B., Yale, 1907; M.D., Columbia, 1912.
- ARCHIBALD MCI. STRONG . . . . . *Medicine*  
A.B., Princeton, 1904; M.D., Columbia, 1908.

† Absent on leave for national service.

- ETHEL STURTEVANT . . . . . *English*  
A.B., Wellesley, 1906; A.M., Columbia, 1914.
- SAMUEL SWIFT . . . . . *Obstetrics*  
A.B., Yale, 1908; M.D., Columbia, 1913.
- † FENTON TAYLOR . . . . . *Surgery (also Assistant in Anatomy)*  
A.B., Harvard, 1910; M.D., Columbia, 1913.
- RALPH E. TAYLOR . . . . . *Anatomy*  
A.B., Yale, 1911; M.D., 1913.
- † RUPERT TAYLOR . . . . . *English*  
A.B., Arkansas, 1903; A.M., 1906; Ph.D., Columbia, 1911.
- ARTHUR H. TERRY, JR. . . . . *Medicine*  
A.B., Yale, 1906; M.D., Columbia, 1910.  
[Resigned December 1, 1917.]
- BENJAMIN T. TERRY . . . . . *Bacteriology*  
A.B., Vanderbilt, 1898; A.M., 1900; M.D., Johns Hopkins, 1904.
- † ARTHUR W. S. THOMAS . . . . . *Food Chemistry*  
Chemist, Columbia, 1912; A.M., 1914; Ph.D., 1915.
- EDGAR T. TSEN . . . . . *Bacteriology*  
M.D., St. John's, Shanghai, 1914; M.D., Harvard, Medical School of China, 1914.
- † FREDERICK T. VAN BEUREN . . . . . *Surgery*  
A.B., Yale, 1898; M.D., Columbia, 1902.
- ROYAL C. VAN ETTEN . . . . . *Gynecology*  
A.B., Amherst, 1906; M.D., Columbia, 1910.
- FRANK T. VAN WOERT . . . . . *Dentistry*  
D.D.S., Buffalo, 1905.
- JOHN C. VAUGHAN . . . . . *Anatomy and Surgery*  
M.D., Columbia, 1907.
- JOHN A. VIETOR. . . . . *Anatomy (also Assistant in Surgery)*  
A.B., Yale, 1907; M.D., Columbia, 1911.
- † ARTHUR S. VOSBURGH . . . . . *Clinical Surgery*  
A.B., Columbia, 1890; M.D., 1893.
- RAYMOND M. WEAVER . . . . . *English*  
B.S., Columbia, 1910; A.M., 1917.
- ISRAEL S. WECHSLER . . . . . *Neurology*  
M.D., Bellevue Hospital Medical College, 1907.
- GERALD WEEMAN . . . . . *Physical Education*
- MORRIS F. WEINRICH . . . . . *Physics*  
Mech. E., Columbia, 1904; A.M., 1907; Ph.D., 1909.
- DAVENPORT WEST . . . . . *Clinical Medicine and Diseases of Children*  
A.B., Princeton, 1905; M.D., Columbia, 1909.
- JAMES W. WHITE . . . . . *Ophthalmology*  
M.D., Albany Medical College, 1905.
- † WILLIAM C. WHITE . . . . . *Clinical Surgery*  
B.S., Wesleyan, 1908; M.D., Columbia, 1912.

† Absent on leave for national service.

HERBERT J. WIENER . . . . .	<i>Medicine</i>
A.B., Harvard, 1906; M.D., Columbia, 1910.	
HERBERT B. WILCOX . . . . .	<i>Diseases of Children</i>
A.B., Yale, 1898; M.D., Columbia, 1902.	
GERALD T. WILKINSON . . . . .	<i>French</i>
A.B., Wabash, 1911; A.M., Harvard, 1912.	
† PERCY H. WILLIAMS . . . . .	<i>Gynecology</i>
A.B., Princeton, 1897; M.D., Columbia, 1901.	
THOMAS S. WINSLOW . . . . .	<i>Medicine</i>
A.B., Williams, 1909; M.D., Columbia, 1913.	
FRED WISE . . . . .	<i>Dermatology and Syphilology</i>
M.D., Columbia, 1904.	
ISAAC O. WOODRUFF . . . . .	<i>Medicine</i>
A.B., College of the City of New York, 1900; M.D., Columbia, 1904.	
STANLEY R. WOODRUFF . . . . .	<i>Urology</i>
M.D., Yale, 1897.	
ALPHONSE A. WREN . . . . .	<i>Urology</i>
FRANK C. YEOMANS . . . . .	<i>Surgery</i>
A.B., Yale, 1897; M.D., Cornell, 1900.	
FRANK A. ZASTROW . . . . .	<i>Operative Dentistry</i>
D.D.S., Michigan, 1916.	
*(229)	

## LECTURERS

EMILIO AGRAMONTE, JR., C.E., LL.B. . . . .	<i>Spanish</i>
HARRY E. BARNES, A.M. . . . .	<i>History</i>
DONALD R. BELCHER, A.M. . . . .	<i>Mathematics</i>
[Resigned October 1, 1917.]	
BRAND BLANSHARD, A.B. . . . .	<i>Philosophy</i>
ROBERT W. BOLWELL, A.M. . . . .	<i>English</i>
LAURA C. BRANT, A.M. . . . .	<i>Physics</i>
MARGARET BURNS . . . . .	<i>Physical Education</i>
† ARTHUR M. BUSWELL, PH.D. . . . .	<i>Chemical Engineering</i>
WALLACE E. CALDWELL, A.B. . . . .	<i>History</i>
ETTORE CADORIN, PH.D. . . . .	<i>Italian</i>
[Term expired February 1, 1918.]	
Rev. Father CORNELIUS CLIFFORD, A.B. . . . .	<i>Philosophy</i>
Mrs. A. F. COUTANT, A.M. . . . .	<i>Botany</i>
FLOYD M. CRANDALL, M.D. . . . .	<i>Medical Ethics</i>
CLARKE E. DAVIS, PH.D. . . . .	<i>Chemical Engineering</i>
Mrs. ESTELLE H. DAVIS . . . . .	<i>English</i>
WILLIAM S. DAY, PH.D. . . . .	<i>Physics</i>
WILLIAM P. DUNN, A.M. . . . .	<i>English</i>
HAVEN EMERSON, M.D. . . . .	<i>Hygiene and Preventive Medicine</i>
HENRY F. GRADY, A.B. . . . .	<i>Economics</i>
[Resigned March 8, 1918.]	
PLINY E. GODDARD, PH.D. . . . .	<i>Anthropology</i>

† Absent on leave for national service.

\* Including those absent on leave for national service.

LUCY GREGORY, A.B. . . . .	<i>Germanic Languages and Literatures</i>
PHILIP K. HITT, PH.D. . . . .	<i>Semitic Languages (Gustav Gottheil Foundation)</i>
GUY R. HUBBART, A.B. . . . .	<i>Advertising and Salesmanship</i>
SOLOMON S. HUEBNER, PH.D. . . . .	<i>Insurance</i>
EMILIE J. HUTCHINSON . . . . .	<i>Economics</i>
MAURICE G. KAINS, M.S.A. . . . .	<i>Horticulture</i>
MRS. CHRISTINE LADD-FRANKLIN, LL.D. . . . .	<i>Psychology</i>
BERNICE W. LYLE, A.M. . . . .	<i>Zoology</i>
ROY S. MAC-ELWEE, PH.D. . . . .	<i>Economics and Foreign Trade</i>

[Resigned February 1, 1918.]

CLARENCE A. MANNING, PH.D. . . . .	<i>Slavonic Languages</i>
HENRY F. MUNRO . . . . .	<i>International Law</i>
STEWART PATON, M.D. . . . .	<i>Psychiatry</i>
JOSEPH L. PERRIER, PH.D. . . . .	<i>French</i>
BLANCHE PRENEZ . . . . .	<i>French</i>
HUGH W. PUCKETT, PH.D. . . . .	<i>Germanic Languages and Literatures</i>
Mrs. MARION L. RICHARDS, A.M. . . . .	<i>Botany</i>
WILLIAM Z. RIPLEY, PH.D. . . . .	<i>Economics</i>
OSCAR H. ROGERS, M.D. . . . .	<i>Life Insurance Examination</i>
CLAUDE E. SCATTERGOOD, M.Sc., LL.B. . . . .	<i>Business Statistics</i>
Col. EDWARD R. SCHREINER, M.D. . . . .	<i>Military Medicine and Surgery</i>

[Resigned March 1, 1918.]

LUCIA H. SMITH, A.B. . . . .	<i>Chemistry</i>
JOSEPH J. SZLENKER . . . . .	<i>Slavonic Languages</i>
FREDERICK A. VANDERBURGH, PH.D. . . . .	<i>Semitic Languages</i>
MARGARET W. WATSON, A.M. . . . .	<i>Germanic Languages</i>
ABRAHAM YOHANNAN, PH.D. . . . .	<i>Oriental Languages</i>

(40)

#### CURATORS

RICHARD F. BACH, A.B. . . . .	<i>Architecture</i>
RALPH W. TOWER, PH.D. . . . .	<i>Natural Science Collections in the Library</i>

(2)

#### ASSISTANTS

GEORGE C. ANDREWS, JR. . . . .	<i>Pathology</i>
JAMES C. ANDREWS, B.S. . . . .	<i>Chemistry</i>
[Resigned March 1, 1918.]	
MABEL E. BALDWIN, A.M. . . . .	<i>Chemistry</i>
GEORGE BARSKY . . . . .	<i>Chemistry</i>
LEWIS BIBB, M.D. . . . .	<i>Clinical Pathology</i>
WILLIAM B. BOYD, M.D. . . . .	<i>Medicine</i>
LILIAN BRANDT, A.M. . . . .	<i>Social Economy</i>
DEAN R. BRIMHALL, A.M. . . . .	<i>Psychology</i>
ROBERT BURLINGHAM, M.D. . . . .	<i>Clinical Pathology and Medicine</i>
CHARLES L. CAMP, A.M. . . . .	<i>Zoology</i>
HELEN C. COOMBS, A.B., B.S. . . . .	<i>Physiology (Research)</i>
HEMAN L. DOWD, M.D. . . . .	<i>Diseases of Children</i>
HELEN R. DOWNES, A.B. . . . .	<i>Chemistry</i>
DAVID FELBERBAUM, M.D. . . . .	<i>Clinical Medicine</i>
LIZETTE A. FISHER, PH.D. . . . .	<i>English (Research)</i>
HENRY C. FLEMING, M.D. . . . .	<i>Medicine</i>

FREDERIC S. GRANGER, A.M. . . . .	Chemistry
JAMES B. HALLAM, M.D. . . . .	Anatomy
B. WALLACE HAMILTON, M.D. . . . .	Diseases of Children
EDNA M. HENRY, A.B. . . . .	Zoology
CALM M. HOKE, A.M. . . . .	Chemistry
TEMPLE R. HOLLCROFT, Ph.D. . . . .	Mathematics
ANDERSON M. HOLMES, M.D. . . . .	Anatomy
[Term expires February 1, 1918.]	
FLORRIE HOLZWASSER, A.B. . . . .	Geology
ALFRED F. HUETTNER, A.B. . . . .	Zoology
MARY LELAND HUNT, Ph.D. . . . .	English (Research)
† LEFFERTS HUTTON, M.D. . . . .	Medicine
VICTOR I. ISAACSON, B.S. . . . .	Biological Chemistry
SHIGEMITSU ITAMI, M.D. . . . .	Cancer Research
NORMA E. JOHANN, A.M. . . . .	Chemistry
MAXWELL KARSHAN, B.S. . . . .	Biological Chemistry
MAURICE KEMP, M.D. . . . .	Diseases of Children
RUDOLPH KRAMER, B.S. . . . .	Pathology
SYDNEY D. KRAMER, B.S. . . . .	Biological Chemistry
WILLIAM J. KREFELD, C.E. . . . .	Civil Engineering
SHOO TZE LEO, B.S. . . . .	Chemical Engineering
JEROME S. LEOPOLD, M.D. . . . .	Clinical Diseases of Children
EMILY LEWI, M.D. . . . .	Medicine
GABRIEL A. LOWENSTEIN, A.M. . . . .	Biological Chemistry
† KENNETH R. MCALPIN, M.D. . . . .	Clinical Pathology
STAFFORD MCLEAN, M.D. . . . .	Diseases of Children
JOSEPH K. MARCUS, A.B. . . . .	Chemistry
[Resigned January 1, 1918.]	
WILLIAM R. MAY, M.D. . . . .	Diseases of Children
WILLIAM J. MERSEREAU, M.D. . . . .	Diseases of Children
GRAHAM J. MITCHELL, A.M. . . . .	Geology
JOSÉ D. MORAL, M.D. . . . .	Bacteriology
FRANK B. ORR . . . . .	Pathology
HELEN H. PARKHURST, Ph.D. . . . .	Philosophy
† GOUVERNEUR M. PHELPS, M.D. . . . .	Surgery
C. EDWARD PIERCE, A.B. . . . .	Physics
GUISEPPE PREVITALI, M.D. . . . .	Diseases of Children
ETHEL A. PRINCE, A.B. . . . .	Psychology
MARK S. REUBEN, M.D. . . . .	Diseases of Children
CHARLES H. RICHARDSON, M.S. . . . .	Biological Chemistry
JOSEPH F. RITT, Ph.D. . . . .	Mathematics
ALMA G. RUHL, A.B. . . . .	History
HESTER M. RUSK, A.M. . . . .	Botany
ZACHARY SAGAL, M.D. . . . .	Clinical Pathology
OSCAR M. SCHLOSS, M.D. . . . .	Diseases of Children
FRANZ SCHRADER . . . . .	Zoology
LOUIS C. SCHROEDER, M.D. . . . .	Diseases of Children
LEWIS M. SILVER, M.D. . . . .	Diseases of Children
ADELAIDE SPOHN, M.S. . . . .	Physiology (Research)
[Resigned February 1, 1918.]	

† Absent on leave for national service.

ROBERT A. STEINBERG, A.M. . . . .	<i>Botany</i>
RUFUS E. STETSON, M.D. . . . .	<i>Diseases of Children</i>
ALBERT M. STEVENS, M.D. . . . .	<i>Diseases of Children</i>
HOLLAND N. STEVENSON, M.D. . . . .	<i>Cancer Research and Pathology</i>
CLARENCE G. STONE, JR., E.E., A.M. . . . .	<i>Physics</i>
DAVID D. STOWELL, M.D. . . . .	<i>Diseases of Children</i>
HAROLD C. STUART, Litt.B. . . . .	<i>Pathology</i>
CLARENCE P. THOMAS, M.D. . . . .	<i>Surgery</i>
LEWI TONKS, A.B. . . . .	<i>Physics</i>
GROVER TRACY, A.B. . . . .	<i>Biological Chemistry</i>
H. W. TRUESDELL . . . . .	<i>Botany</i>
[Resigned February 1, 1918.]	
CLAYTON ULREY, A.M. . . . .	<i>Physics</i>
EMORY C. UNNEWEHR, B.S. . . . .	<i>Physics</i>
FELICIU VEXLER, A.M. . . . .	<i>Slavonic Languages</i>
ALICE P. N. WALLER, A.B. . . . .	<i>History</i>
MARTHA L. WASHBURN, A.B. . . . .	<i>Chemistry</i>
EDGAR W. WHITE, M.D. . . . .	<i>Clinical Medicine</i>
† WILLIAM C. WOOLSEY, M.D. . . . .	<i>Surgery</i>
JEROME M. ZIEGLER, A.B. . . . .	<i>Pathology</i>
JEROME ZUCKERMAN, M.D. . . . .	<i>Diseases of Children</i>

\* (78)

## CLINICAL ASSISTANTS

Officers of instruction holding appointments in addition to that of Clinical Assistant are not included in this list. A complete list of the Clinical Assistants in each subject will be found at the head of the appropriate Departmental Statement.

*Medicine.* SAUL A. BINDERMAN, M.D., DAVID M. BROWN, M.D., SAMUEL CANTOR, M.D., A. FAVORINI, M.D., G. A. FRIEDMAN, M.D., SAMUEL GELLERT, M.D., VINCENT GILIBERTI, M.D., B. GLASGOW, M.D., WALTER C. HURWITZ, M.D., JOHN L. KANTOR, M.D., ELIHU KATZ, M.D., MAX KAVALER, M.D., M. D. MISLIG, M.D., V. PASCALE, M.D., HENRY A. RAFSKY, M.D., A. A. SMERNOFF, M.D., HENRY L. WEIL, M.D., JULIUS W. WEINSTEIN, M.D., JACOB J. WEISS, M.D., ANIBAL ZELAYA, M.D.

*Surgery.* EMIL ALTER, D.D.S., A. C. BURNHAM, M.D., EDWARD A. CAIN, D.D.S., O. J. CHASE, D.D.S., J. B. GOODALL, D.D.S., B. HALPERN, D.D.S., C. HANSEN, D.D.S., J. W. KAUFFMANN, D.D.S., M. KLASKY, D.D.S., F. S. McCAFFREY, D.D.S., EDWARD N. K. MEARS, M.D., ROSALIE S. MORTON, M.D., J. H. REED, D.D.S., J. F. REHBERMAN, D.D.S., FRANK J. REMY, D.D.S., JAMES S. SHIELDS, D.D.S., LEO STERN, D.D.S., WILLIAM D. TRACY, D.D.S., HAROLD S. VAUGHAN, M.D., D.D.S., J. A. VUILLEUMIER, D.D.S.

*Orthopedic Surgery.* WILLIAM FRIEDER, M.D., I. M. LEAVY, M.D., H. D. SONNENSCHEN, M.D.

*Neurology.* LOUIS A. ARONSON, M.D., CONRAD BERENS, M.D., GEORGE A. BLAKESLEE, M.D., GEORGE A. BREWSTER, M.D., LEON H. CORNWALL, M.D., L. KOLB, M.D., W. O. L. LELLMAN, M.D., J. L. MACUMBER, M.D., CARROLL L. NICHOLS, M.D., HOWARD W. POTTER, M.D., NORMAN SHARPE, M.D.

*Gynecology.* AUGUSTINE W. ROFF, M.D., ROYAL C. VAN ETEN, M.D.

† Absent on leave for national service.

\* Including those absent on leave for national service.



*Ophthalmology.* G. DE YOANNA, M.D., ELLWOOD HARLOW, M.D., CHARLES REIGROD, M.D., MICHAEL ROSENBLUTH, M.D., S. SCHWARZMANN, M.D., JAMES S. UNGER, M.D.,

*Laryngology and Otology.* JAMES W. BABCOCK, M.D., JOHN J. COTTER, M.D., MAX FELDMAN, M.D., BENJAMIN FREUDENFALL, M.D., OTTO GLOGAU, M.D., LOUIS GREENBERG, M.D., ROY S. HINSDALE, M.D., GOODRICH T. SMITH, M.D.

*Tuberculosis.* GEORGE N. ACKER, M.D., H. A. BANCEL, M.D., ARTHUR M. JACOBUS, M.D., WYTHE M. RHETT, M.D.

*Dermatology and Syphilology.* ELIAS W. ABRAMOWITZ, M.D., W. H. BAUGHMAN, M.D., WILLIAM BLANCARD, M.D., A. B. CANNON, M.D., JESSE ETTLESON, M.D., JOHN R. FLANIGAN, M.D., HARRY FOERSTER, M.D., W. H. GUY, M.D., WALTER J. HEIMANN, M.D., E. C. JAGLE, M.D., T. FRANCIS KELLY, M.D., AUGUSTUS MILLEG, M.D., JOHN REMER, M.D., P. A. REQUE, M.D., ISIDORE ROSEN, M.D., D. L. SATENSTEIN, M.D., MAX SCHEER, M.D., F. STEINKE, M.D., D. D. STETSON, M.D.

*Diseases of Children.* MORRIS FRIEDSON, M.D., LYNN L. FULKERSON, M.D., ISIDORE MILLER, M.D., LOUIS D. MINSK, M.D., WYTHE M. RHETT, M.D., GEORGE A. SCHNEPEL, M.D., JACOB WASHTON, M.D.

*Urology.* JAMES F. GRATTAN, M.D.

*Applied Therapeutics.* GEORGE N. ACKER, M.D., PAUL BARTHOLOW, M.D., WYTHE M. RHETT, M.D., LEWIS B. ROBINSON, M.D.

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## TEACHERS COLLEGE JUNIOR OFFICERS

*Professors.* JULIUS AUGUST BEWER, PH.D., *Biblical Literature*; GEORGE ALBERT COE, PH.D., *Religious Education*.

*Associates in Education.* WILLIAM EDWIN BRECKENBRIDGE, A.M., *Mathematics*; NICKOLAUS LOUIS ENGELHARDT, A.B., *Education*; ELBERT K. FRETWELL, PH.D., *Scouting and Recreational Leadership*; FRANK WILLIAM HART, A.B., *Education*; ISAAC L. KANDEL, PH.D., *Education*; WILLIAM JACOB KRAFT, B.Mus., *Music*; WILLIAM ARTHUR MADDOX, A.M., *Education*; THOMAS H. POWERS SAILER, PH.D., *Education*; WARREN H. WILSON, PH.D., D.D., *Rural Education*.

*Instructors.* LOUISE S. ATKINSON, B.S., *Kindergarten Education*; MATTHEW GRUENBERG BACH, A.M., *German*; EMMA R. BAKER, *Household Arts*; LYDIA RAY BALDERSTON, A.M., *Household Arts*; LAURA IRENE BALDT, B.S., *Household Arts*; ANNA BARROWS, *Household Arts*; CLYDE A. BOWMAN, B.S., *Industrial Arts*; GRACE LILLIAN BROWN, B.S., *Kindergarten Education*; AGNES BURKE, B.S., *Kindergarten Education*; MABEL CARNEY, *Rural Education*; EDITH P. CHACE, B.S., *Household Arts Education*; CLARA FRANCES CHASSELL, A.M., *Experimental Education*; ERICA CHRISTIANSON, B.S., *Household Arts Education*; GERTRUDE K. COLBY, *Physical Education*; ANNA COLMAN, A.B., B.S., *Household Arts*; ELIZABETH CHRISTINE COOK, PH.D., *English*; MARGARET ZERBE COWL, *Music*; GRACE ALICE DAY, B.S., *Elementary Education*; LUCIA W. DEMENT, *Fine Arts*; HELEN ELIZABETH DILLER, A.M., *English*; LILLIAN CURTIS DREW, *Physical Education*; HAROLD U. FAULKNER, PH.D., *History*; KATHARINE A.

FISHER, B.S., *Household Arts*; ELSA L. FRAME, *Household Arts*; CHARLOTTE A. FRANCIS, A.M., *Chemistry*; LUCILE GRACE FRENCH, *Household Arts*; HELEN FROST, *Physical Education*; CHARLOTTE GANO GARRISON, B.S., *Kindergarten Education*; FRED FOREMAN GOOD, A.M., *Physical Science*; HELEN CRANDALL GOODSPEED, B.S., *Household Arts Education*; ELIZABETH GUILFORD, B.S., *Assisting Steward*; LILIAN M. B. GUNN, *Household Arts*; MAY HALLETT, *Household Arts*; HELEN J. HARVITT, Ph.D., *French*; HATTIE L. HEFT, Ph.D., *Physiological Chemistry*; JESSICA M. HILL, A.M., *English*; LETA STETTER HOLLINGWORTH, Ph.D., *Educational Psychology*; GEORGE T. HOLM, *Physical Education*; FLORENCE M. JOHNSON, B.L., *Nursing and Health*; SUSAN C. JOHNSON, *Nursing and Health*; BIRD S. LARSON, B.S., *Physical Education*; FELIX LAMOND, *Music*; HELEN LATHAM, *Music*; MARIE LOVSNES, B.S., *Rural Education*; W. A. MCCALL, Ph.D., *Educational Psychology*; JANET ROWLAND MCCASTLINE, A.M., *Recorder, Physical Education*; MARY G. MCCORMICK, A.M., *Household Chemistry*; ELLEN BEERS MCGOWAN, B.S., *Household Arts*; ELIZABETH MANN, A.M., *Household Arts*; MAUD MARCH, *Physical Education*; JOSEPHINE A. MARSHALL, B.S., *Household Arts Education*; CHARLES J. MARTIN, *Fine Arts*; CHARLES HENRY MEEKER, *Fine Arts*; CAROLINE MEHAN, *Music*; DAY MONROE, A.M., *Household Arts*; ANNIE E. MOORE, A.M., *Elementary and Kindergarten Education*; LOIS COFFEY MOSSMAN, B.S., *Industrial Arts Education*; MARGARET ELEANOR NOONAN, B.S., *Normal School Education*; BELLE NORTHRUP, *Fine Arts*; FRANK C. PANUSKA, *Industrial Arts*; SARA LYMAN PATRICK, A.M., *Industrial Arts Education*; JULIA PATTON, A.M., *English*; MARY HENLEY PEACOCK, Ph.B., *Household Arts*; MARY EVERETT RANKIN, B.S., *Kindergarten Education*; EMILY C. SEAMAN,<sup>1</sup> Ph.D., *Physiological Chemistry*; BERTHA E. SHAPLEIGH, *Household Arts*; LYDIA SOUTHARD, A.B., *Household Arts*; CAROLINE E. STACKPOLE, A.M., *Biology*; SERENO STETSON, *Scouting and Recreational Leadership*; CORNELIA H. STONE, A.B., *Household Arts*; LAVINIA TALLMAN, A.M., *Religious Education*; SALLIE B. TANNAHILL, B.S., *Fine Arts*; EDWARD THATCHER, *Fine Arts*; EVELYN SMITH TOBEY, B.S., *Household Arts*; CHARLES BABCOCK UPJOHN, *Fine Arts*; SADIE B. VANDERBILT, B.S., *Household Arts*; BESSIE SCOTT WHITE, *Household Arts*; RUTH WILMOT, *Household Arts*; BERNADINE MEYER YUNCE, *Physical Education*.

*Lecturers.* EVA ALLEN ALBERTI, A.M., *Physical Education*; MAY ALLINSON, Ph.D., *Household Economics*; S. JOSEPHINE BAKER, M.D., *Nursing and Health*; FLORENCE EVELYN CARLING, *Nursing and Health*; THATCHER CLARK, Ph.D., *French*; EVELYN LAWRENCE COLLINS, *Nursing and Health*; ELLA PHILLIPS CRANDALL, *Nursing and Health*; GRACE MARIE DASCHBACH, *Music*; ELIZABETH E. FARRELL, B.S., *Psychology*; ARTHUR I. GATES, Ph.D., *Educational Psychology*; ROWLAND HAYNES, A.M., *Physical Education*; JOSEPHINE HEMENWAY KENYON, A.M., M.D., *Nursing and Health*; MARCIA MEAD, *Household Administration*; LINETTE ALTHANA PARKER, B.S., *Nursing and Health*; JAMES PEABODY, A.M., *Biology*; EDWARD HARTMAN REISNER, Ph.D., *Education*; AGNES LOW ROGERS, A.M., *Educational Psychology*; TEUNIS J. VAN DER BENT, *Household Arts*; EUEN VAN KLEECK, A.B., M.D., *Physical Education and Assistant Physician*; LILLIAN D. WALD, LL.D., *Nursing and Health*; JOSEPHINE WIETHAN, *Music*; C. E. A. WINSLOW, M.S., *Nursing and Health*; EMMA A. WINSLOW, A.M., *Household Arts*.

*Lecturers in Special and Extension Classes.* JAMES CHITTICK, *Textiles*; MARY EVANS, *Household Arts*; GEORGE FOWLER, C.E., *Music*; FRANCES V. HALLOCK, *Speech*; THOMAS FRANCIS HINCHEY, *Textiles*; R. NORMAN JOLLIFFE, *Music*; CHRISTINE WARNER NELSON, *Household Arts*; ADA J. SMITH, *Household Arts*; EDGAR S. STOWELL, *Music*; BEN B. UNDERHILL, *Textiles*; CLARENCE HUDSON WHITE, *Fine Arts*;

<sup>1</sup>On leave 1917-1918.

*Assistants.* C. ISABELLE ATKINSON, R.N., *Physical Education*; HARRIET T. BARTO, A.M., *Household Arts*; WILLIAM WATSON BEAUMONT, B.M., *Music and Speech*; JENNIE BEDRICK, *Educational Psychology*; ALICE F. BELL, B.S., *Nursing and Health*; PLUMA M. BROWN, *Fine Arts*; GRACE BUCKLEY, A.B., *Nursing and Health*; MARY WROE CURTIS, *Household Arts*; KATHARINE B. DABNEY, A.B., *Physical Education*; ANNIE DIX, B.S., *Biology*; PERMELIA DOTY, B.S., *Nursing and Health*; ADELE EHRHART, *Physiological Chemistry*; ALEXANDER GLENNIE, A.B., *Chemistry*; ROBERT PAUL GRAY, *Fine Arts*; HANNAH ELIZABETH HONEYWELL, A.B., *Chemistry*; FLORENCE E. HOUSE, B.S., *Industrial Arts Education*; IRMA A. LATZER, A.M., *Household Arts*; MORRIS MEISTER, B.S., *Physical Science*; HERMAN N. MORSE, A.B., *Rural Education*; BERTHA E. NETTLETON, *Household Arts*; KATHERINE PIKE, A.M., *Physical Education*; ETHEL M. ROBINSON, B.S., *Kindergarten Education*; WILLIAM S. SCHLAUCH, A.M., *Mathematics*; BLANCHE E. SHAFFER, B.S., *Household Chemistry*; MARGARET E. TUTTLE, *Physical Education*; GEORGE D. VON HOFE, JR., A.M., *Physical Science*; ETHEL WENK, *Physical Education*; JESSIE H. WOODRUFF, A.B., *Household Arts*.

## TEACHERS COLLEGE SCHOOLS

### HORACE MANN SCHOOLS

VIRGIL PRETTYMAN, D.Pd., *Principal of Horace Mann School for Boys*; HENRY CARR PEARSON, A.B., *Principal of Horace Mann School*; CHARLOTTE GANO GARRISON, B.S., *Principal of Kindergarten*; MARION ROOT PRATT, *Secretary*; AMY LOGAN, B.S., *Assistant to Principal, Girls' High School*; ANNA AUGUSTA JONES, *Secretary of Boys' High School*; CONSTANCE F. BURR, *Secretary of Girls' High School*; HELEN CRISSEY, *Secretary of Elementary School*; LILLIAN RANDEL, *Librarian of Boys' High School*; HELEN JEANETTE MOSS, *Librarian of Girls' High School*.

### HORACE MANN HIGH SCHOOLS\*

VIRGIL PRETTYMAN, Ph.D., *Principal of Boys' High School*; HENRY CARR PEARSON, A.B., *Principal of Girls' High School*; CHARLES MCCOY BAKER, A.M., *Head of Department of Latin*; ROLAND H. WILLIAMS, A.M., *Head of Department of Science*; KATE STUART ANTHONY, *Domestic Art*; GEORGIA FARRAND BACON, B.S., *English*; HELEN BARTLETT BAKER, A.B., *English*; PAUL EVERETT BELTING, A.B., *Assistant, Athletics*; VEVIA BLAIR, B.S., *Mathematics*; ELIZABETH BRIGGS, A.M., *History*; FRANK ELBERT BROOKS, A.B., *French*; MARIE KARCHER BROOKS, *French*; RUTH PETERS CAMPBELL, B.S., *Assistant in Fine Arts*; ERNEST R. DODGE, A.M., *Modern Languages*; HARRIET GARTON CARTWRIGHT, *Music*; JENNIE MAE CLARK, A.B., *Mathematics*; ABBOTT LOW COMBES, B.S., *Industrial Arts*; J. HARVEY COULTER, Ph.B., *English*; LAURA BISHOP CRANDON, A.M., *German*; BERNICE FRANCES DODGE, Ph.B., *Household Arts*; STELLA SECREST DUNHAM, A.M., *Mathematics*; PHILIP EATON, A.B., *Latin*; MARGARET GARSIDE, A.B., *Coach in Dramatics*; CHARLES DUDLEY GEROW, A.B., *History*; MARY BROWNSON GILLMORE, Ph.B., *History*; ALBERT W. HECKMAN, *Fine Arts*; PAUL HEINZELMANN, *German and French*; IRWIN S. HOFFER, A.B., *Mathematics*; GEORGE THOMAS HOLM, *Swimming*; CAROLINE WOODBRIDGE HOTCHKISS, *English*; CLARA BARBARA KIRCHWEY, *Science*; HENRY C. LAMOND, A.B., *English*; LILLIE MARIA

\* This list includes the instructors in both the Boys' High School and the Girls' High School.

LAWRENCE, B.S., *Latin*; ALTON IRVING LOCKHART, A.M., *Science*; CLARENCE W. LOMBARD, A.B., *Science*; M. E. LYNAGH, B.C.S., *Stenography*; JANET ROWLAND McCASTLINE, A.M., *Recorder, Physical Education*; JAMES REESE MACGOWAN, A.B., *Mathematics*; HARRY WHEELER MARTIN, A.B., *History*; BERTHE MULLER, *French*; WILLIAM JOHN NAGLE,<sup>1</sup> A.M., *Latin*; JOHN DUELE NEITZ, B.S., *Special Tutor*; NINA FRANCES RAYNOR, A.M., *Latin*; MARIE LOUISE ROBERT, *French*; FLORENCE ROHR, *General Assistant*; JAMES RUTLEDGE, A.B., *Latin and Athletics*; SOPHIE E. SIEVERS, *English*; MILTON MYERS SMITH, A.B., *English*; EDGAR S. STOWELL, *Conductor of Orchestra*; WILLIAM E. STRAWINSKI, A.B., *English*; FLORENCE STUART, *Physical Training*; JOHN T. VAN SANT, A.B., *Mathematics*; GEORGE D. VON HOFE, JR., A.M., *Science*; LAVERGNE WOOD, A.B., *Mathematics*.

### ELEMENTARY SCHOOL

HENRY CARR PEARSON, A.B., *Principal*; GERTRUDE ISABEL BIGELOW, *First and Second Grades*; FLORENCE MABEL MCVEY, *First Grade*; AGNES BURKE, B.S., *First Grade*; EVELYN BATCHELDER, *Second Grade*; MILDRED IONE BATCHELDER, *Second Grade*; ALICE ELIZABETH PHELPS, *Second and Third Grades*; MINNIE NEWMAN, A.M., *Third Grade*; MARY JULIA DETRAZ, A.B., *Third Grade*; LUELLE N. WHITAKER, B.S., *Third and Fourth Grades*; IDA ELIZABETH ROBBINS, *Fourth Grade*; FLORENCE MARSHALL PERKINS, *Fourth Grade*; RUTH BATCHELDER, *Fourth and Fifth Grades*; MARGARET GERTRUDE CONDRY, *Fifth Grade*; SIEGRIED MAIA UPTON, A.M., *Fifth Grade*; MARIE HENNES, *Fifth and Sixth Grades*; MARY FREDERIKA KIRCHWEY, *Sixth Grade*; MARY GERTRUDE PEABODY, *Sixth Grade*; ROXANA ALER STEELE, B.S., *Sixth Grade*; LUCY HESS WEISER, *Industrial Arts*; BELLE BOAS, B.S., *Fine Arts*; HELEN LATHAM, *Music*; L. BELLE HART, B.S., *Physical Training*; ETHEL WENK, *Physical Training*; LILLIAN HUDSON, B.S., *Home Nursing*; WALDO C. PEEBLES, A.B., *Tutor*; SARAH BEATRICE CLARK, *Primary Assistant*; MARY ROHR, B.S., *Grammar Assistant*; ANNIE BENNETT BRIGGS, *Assistant, Open Air, Grades II and III*; MARY HELEN COYKENDALL, *Assistant, Open Air, Grade IV*; VELMA PHILLIPS, Ph.B., *Assistant, Household Arts*; ELIZABETH R. LITTLE, *Assistant, Industrial Arts*; WILLIAM W. BEAUMONT, B.M., *Assistant in Music*; IRMA COXLEY, *Assistant in Fine Arts*; HELEN BAUM, *Assistant in Physical Education Kindergarten*; ETHEL MARIA ROBINSON, B.S., *Kindergarten*; LOUISE SIBLEY ATKINSON, B.S., *Kindergarten*; HELENE KNEIP, B.S., *Kindergarten*; MARY E. RANKIN, B.S., *Kindergarten*.

### THE LINCOLN SCHOOL

OTIS W. CALDWELL, Ph.D., *Director of the Lincoln School*; CHESTER A. BUCKNER, A.M., *Assistant to the Director*; ETHELWYN BRADISH, *Fine Arts*; NELL G. CURTIS, *Third Grade*; ANNIE T. EATON, A.B., *Librarian*; A. H. EDGERTON, A.M., *Industrial Arts*; CHARLES W. FINLEY, M.S., *Biology*; ANNA J. GANNETT, B.S., *Second Grade*; EARL R. GLENN, A.B., *Physical Science*; ELIZABETH GMINDER, *Music*; JENNIE HALL, *Mixed Grades*; GAIL HARRISON, B.S., *First Grade*; HELEN HICKS, B.S., *Counselor for Girls*; MARGARET HOLZ, A.M., *German*; JEAN HOSFORD, B.S., *Physical Training*; STERLING A. LEONARD, A.M., *English*; SUZANNE ROTH, A.M., *French*; RALEIGH SCHORLING, A.M., *Mathematics*; MARTA STEARNS, *Assistant in French*; THOMAS W. SURRETTE, *Adviser in Music*; CHARLES K. TAYLOR, A.M., *Physical Training*; FLORENCE E. WINCHELL, B.S., *Household Arts*.

<sup>1</sup> On leave 1917-1918.

## SUMMER SESSION 1917

EMILIO AGRAMONTE, JR., LL.B., *Spanish*; I. S. ANDREYEVSKY, *Russian*; JULIA HILL ATWELL, B.S., *Fine Arts*; MATTHEW G. BACH, A.M., *German*; JAMES F. BALDWIN, PH.D., *History*; F. M. BEEGLE, *Chemistry*; BERTHA M. BENTLEY, B.S., *Industrial Arts*; ELIZABETH BISHOP, *Household Chemistry*; ANNE D. BLITZ, A.M., *Household Arts*; ERNEST LUDLOW BOGART, PH.D., *Economics*; JOSEPH LEOPOLD BORGERHOFF, PH.D., *French*; DOROTHY BREWSTER, PH.D., *Comparative Literature*; A. C. L. BROWN, PH.D., *English*; HAROLD CHAPMAN BROWN, PH.D., *Philosophy*; J. A. BROWN, *Physics*; JOHN LEE BRUCE, A.B., *Portuguese*; MARGARET BYINGTON, *Nursing and Health*; WALLACE E. CALDWELL, A.B., *History*; R. D. CALKINS, M.S., *Geography*; ALBERT JOSEPH CARNOY, PH.D., *French, Latin*; FRANK WADLEIGH CHANDLER, PH.D., *English and Comparative Literature*; DANIEL CHASE, *Physical Education*; EDWARD C. CHICKERING, PH.D., *Latin*; ROSSETTER G. COLE, A.M., *Music*; STEPHEN SHELDON COLVIN, PH.D., *Educational Psychology*; W. W. COOK, LL.M., *Law*; ISAAC J. COX, PH.D., *History*; ELIZABETH CUSHING, *Household Arts*; MICHAEL F. DEE, LL.B., *Law*; IRVING C. DEMAREST, A.M., *Latin*; ELMA DE NEERGAARD, *Nursing and Health*; ARTHUR DEPIERPONT, B.ÈS.L., *French*; ROY F. DIBBLE, *English*; DANIEL B. DUNCAN, PH.D., *English*; LIDA B. EARHART, PH.D., *Elementary Education*; HERBERT E. EASTLACK, PH.D., *Chemistry*; ADOLPH ELWYN, A.M., *Neurology*; WILLIAM L. ESTABROOK, PH.D., *Chemistry*; JOHN BATES EYSTER, PH.B., *German*; LÉON FERARU, *Romance Languages*; FRANKLIN CHARLES FETTE, A.M., *Physical Education*; ROBERT HERNDON FIFE, JR., *German*; JOHN DRISCOLL FITZ-GERALD, II, PH.D., *Spanish*; DANIEL JOHNSON FLEMING, PH.D., *Religion*; CHARLES S. GAMMONS, *Physical Education*; KARL F. GEISER, *Politics*; WINIFRED STUART GIBBS, *Household Arts*; HENRY H. GOLDBERGER, A.M., *English*; HARRY FRANCIS GRADY, *Economics*; FRANK P. GRAVES, PH.D., *History of Education*; ELLEN KATE GROSS, A.B., *Physical Education*; ELIZABETH GUILFORD, *Foods and Cookery*; MELVIN E. HAGGERTY, PH.D., *Educational Psychology*; ALICE CYNTHIA KING HALL, A.M., *Elementary Education*; JOHN WILLIAM HALL, A.M., *Elementary Education*; MARY E. HALL, *Library Economy*; FRANCES VALENTINE HALLOCK, *Speech*; W. E. HARNED, A.B., *Stenography and typewriting*; JOHN SMITH HARRISON, PH.D., *English*; ADELAIDE R. HASSE, *Library Economy*; HORACE G. HEALEY, A.M., *Penmanship*; ERNEST NORTON HENDERSON, PH.D., *Philosophy of Education*; GEORGE L. HENDRICKSON, LL.D., *Greek*; MARY WOODS HINMAN, *Physical Education*; EDWIN L. HOLTON, *Rural Education*; JAMES FLEMING HOSIC, PH.M., *English*; RANDAL HOYT, M.D., *Neurology*; GUY RICHARD HUBBART, A.B., *Advertising*; MANLEY O. HUDSON, LL.B., *Law*; SOLOMON S. HUEBNER, PH.D., *Business*; C. C. HUGHES, *Elementary Bookkeeping*; HARVEY HATCHER HUGHES, A.M., *English*; OTTO VICTOR HUMANN, *Fine Arts*; ROBERT ERNEST HUME, PH.D., *Religion*; FREDERICK JOHN FOAKES JACKSON, PH.D., *History*; CHESTER D. JARVIS, PH.D., *Agriculture, Rural Education*; A. F. JOHNSON, *Banking*; SUSAN JOHNSON, *Nursing and Health*; EDWARD D. JONES, PH.D., *Business*; HORACE MEYER KALLEN, PH.D., *Philosophy*; MORRIS J. KARPAS, M.D., *Psychology*; C. W. KEAN, *Stenography*; HELEN REX KELLER, A.M., *Library Economy*; HELENE KNEIP, B.S., *Kindergarten Education*; S. BERNARD KOOPMAN, M.C.S., *Bookkeeping and Accounting*; CAROLINE KREYKENBOHM, A.M., *German*; FLORENCE LA GANKE, *Household Arts*; GARIBALDI LAGUARDIA, A.M., *Italian, Spanish*; GORDON JENNINGS LANG, PH.D., *Latin*; HARRIETTE LAYTON, *Foods and Cookery*; EDWARD M. LEHNERTS, A.M., *Geography*; ELSIE LEONARD, *Household Administration*; MICHAEL LEVINE, PH.D., *Botany*; JOSEPH BYRNE LOCKEY, A.M., *International Relations*; FREDERICK D. LOSEY, A.M., *Public Speaking*; JESSIE L. LOWSON, *Geography*; HASTINGS LYON, LL.B., *Business*; WALTER FLADIUS MCCAULEB, PH.D., *Politics*; MATILDA J. MCKEOWN, *Household Economics*; GRACE MCLEOD, A.M., *Household Arts*; GRACE

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## EXTENSION TEACHING

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# Columbia University in the City of New York

## GENERAL STATEMENT

### HISTORICAL

On October 31, 1754, Letters Patent were issued incorporating THE GOVERNORS OF THE COLLEGE OF THE PROVINCE OF NEW YORK IN THE CITY OF NEW YORK IN AMERICA and providing for the establishment of a College to be known as King's College "for the Instruction and Education of Youth in the Learned Languages and in the Liberal Arts and Sciences." The conclusion of the announcement issued in the same year reads: "A serious, virtuous, and industrious Course of Life being first provided for, it is further the Design of this College to instruct and perfect the Youth in the Learned Languages, and in the Arts of Reasoning exactly, of Writing correctly, and Speaking eloquently; and in the Arts of Numbering and Measuring, of Surveying and Navigation, of Geography and History, of Husbandry, Commerce, and Government; and in the Knowledge of all Nature in Heavens above us, and in the Air, Water, and Earth around us, and the various Kinds of Meteors, Stones, Mines, and Minerals, Plants and Animals, and of every Thing useful for the Comfort, the Convenience, and Elegance of Life, in the chief Manufactures relating to any of these things: And finally, to lead them from the Study of Nature, to the Knowledge of themselves, and of the God of Nature, and their Duty to Him, themselves, and one another; and every Thing that can contribute to their true Happiness, both here and hereafter." The educational work of the College was at once begun under the presidency of Dr. Samuel Johnson with a class of eight students and the first Commencement was held on June 21, 1758. The first college building, erected on a portion of the 'King's Farm', at what is now the corner of Park Place and Church Street, was completed in 1760. The Revolutionary War, during which this building was taken for military purposes, compelled a suspension of activities. King's College numbers among its students and graduates Alexander Hamilton, John Jay, Robert D. Livingston, Gouverneur Morris, and John Stevens.

In 1784, the Legislature of the State of New York passed an act incorporating the 'REGENTS OF THE UNIVERSITY OF THE STATE OF NEW YORK', vesting the property of King's College in the Regents, and changing the name of the College to Columbia College. In 1787, this act was repealed, and an act was passed confirming the Royal Charter of 1754 and vesting the property and franchises of King's College in "The Trustees of Columbia College in the City of New York."

In 1810, the charter was again amended in certain particulars at the request of the Trustees, and re-enacted, but the corporate title remained the same until 1912 when by order of the Supreme Court of the State of New York it was changed to 'The Trustees of Columbia University in the City of New York'. In 1897 the University removed from Forty-ninth Street and Madison Avenue, where it had been situated since 1857, to its present location on Morningside Heights.<sup>1</sup>

<sup>1</sup> The attention of those interested in the historical development of the University is called to *The History of Columbia University, 1754-1904* (pp. xiii + 493). \$1.50. Columbia University Press, Lemcke and Buechner, New York, agents, and to *Columbia* (pp. xvi + 297). \$2.00. Oxford University Press.

## BUILDINGS AND GROUNDS

The general plan of the buildings of the Corporation on Morningside Heights comprises two groups, one of which occupies the site on the northerly side of 116th Street, extending to 120th Street, and the other, the site on the southerly side of 116th Street, extending to 114th Street, bounded on the east by Amsterdam Avenue, and on the west by Broadway.<sup>1</sup>

The UNIVERSITY LIBRARY, erected 1895-1897, the gift of Seth Low, LL.D., of the Class of 1870 and President of the University from 1889 to 1901, is the central feature of the buildings comprising the northerly group which together form a large quadrangle. This group includes on the east: EAST HALL, which contains several of the administrative offices of the University; KENT HALL (205 ft. x 53 ft.) erected in 1910 from funds largely provided by Charles Bathgate Beck of the Class of 1877, College, and 1879, Law, occupied by the School of Law and the Faculty of Political Science; PHILOSOPHY HALL (145 ft. x 57 ft.) erected in 1910, the gift of an anonymous donor, occupied by the Faculty of Philosophy; ST. PAUL'S CHAPEL (140 ft. x 82 ft. x 112 ft., with 1,000 sittings), erected 1904, the gift of Olivia E. P. Stokes and Caroline Phelps Stokes as a memorial to their parents; AVERY LIBRARY (150 ft. x 57 ft.), erected 1911, the gift of Samuel P. Avery, containing the Avery Architectural Library and the School of Architecture; and FAYERWEATHER HALL (150 ft. x 57 ft.), erected in 1896 from the bequest of Daniel B. Fayerweather, occupied by the departments of physics and astronomy. On the north, the group further includes: SCHERMERHORN HALL (205 ft. x 80 ft.), erected 1896, the gift of William C. Schermerhorn of the Class of 1840; occupied by the departments of geology, mineralogy, botany, and zoology; the unfinished UNIVERSITY HALL, occupying the central position on the northern boundary of the campus, which contains the offices of the Bursar, Registrar, Dean of the Graduate Schools, Director of University Admissions, and Director of Summer Session and Extension Teaching, and, next to the LIBRARY, the largest of the University buildings, containing the Gymnasium, the power plant, which provides light, heat, and power to all of the buildings, and the University Commons; and HAVEMEYER HALL (205 ft. x 80 ft.), erected 1896, the gift of the family of Frederick Christian Havemeyer, occupied by the School of Chemistry. On the west the northerly group includes: the SCHOOL OF ENGINEERING building (150 ft. x 57 ft.), erected 1896, occupied by the departments of civil, electrical, mechanical, and highway engineering; EARL HALL (99½ ft. x 58 ft.), erected 1900, the gift of William Earl Dodge, the home of the religious, philanthropic, and social interests of the students; the SCHOOL OF MINES building (145 ft. x 57 ft.), erected 1904, the gift of Adolph Lewisohn, used for mining and metallurgy; and the FACULTY CLUB, a building like EAST HALL, acquired by the University at the purchase of the site.

The southerly group of buildings, occupying the ground lying immediately in front of the LIBRARY popularly known as South Field, includes, on the east: HAMILTON HALL (205 ft. x 53 ft.), erected 1906, the gift of John Stewart Kennedy, the home of Columbia College; and the two residence halls, HARTLEY HALL and LIVINGSTON HALL, both erected 1904. On the west, the group includes the SCHOOL OF JOURNALISM (205 ft. x 53 ft.), erected 1912, provided by the gift and bequest of Joseph Pulitzer; and a third residence hall, FURNALD HALL, erected 1913.

The University Library is of Indiana limestone. The other buildings, in conformity to the general design, are constructed of overburned brick and limestone, set, as is also the Library, upon a base of granite. A model of all the University buildings (20 ft. x 35 ft.), now existing and as projected, and showing the buildings in detail and in their relation to each other, is on view in the basement of Kent Hall.

<sup>1</sup> For detailed description of the buildings and grounds of the University see *An Official Guide to Columbia University* (pp. lx+130). \$.25. Columbia University Press, Lemcke and Buechner, New York, agents.

To the east of the northerly group of buildings, in the block bounded by Amsterdam Avenue, Morningside Drive, 116th and 117th Streets, the property of the University, are the CROCKER RESEARCH LABORATORY, the greenhouses belonging to the departments of botany and agriculture, and the RESIDENCE OF THE PRESIDENT OF THE UNIVERSITY; and on the north side of 117th Street the DEUTSCHES HAUS, the gift of Edward D. Adams, and the MAISON FRANÇAISE, the gift of A. Barton Hepburn, centers respectively of German and French interests in the University.

Barnard College is situated on Broadway, immediately west of the University site, and occupies the land extending from 116th to 120th Street. The buildings comprise MILBANK HALL (119 ft. x 65 ft.), and BRINCKERHOFF HALL (166 ft. x 55½ ft.), both erected 1896, the gifts, respectively, of Mrs. A. A. Anderson and Mrs. Van Wyck Brinckerhoff, FISKE HALL (166 ft. x 53½ ft.), erected in 1897, the gift of Mrs. Josiah M. Fiske; STUDENTS HALL (153 ft. x 125 ft.), erected in 1917, the gift of Jacob H. Schiff; and BROOKS HALL (122 ft. x 42 ft.), erected 1907, the Barnard College hall of residence.

The buildings of Teachers College occupy the block between 120th and 121st Streets, directly north of the University site. They consist of the MAIN BUILDING (169 ft. x 132 ft.), erected 1894; the adjoining MILBANK BUILDING (146 ft. x 52 ft.), erected 1897; the MACY MANUAL ARTS BUILDING (145 ft. x 74 ft.), erected 1896; the HOUSEHOLD ARTS BUILDING (153 ft. x 57 ft.), erected 1909; and the THOMPSON BUILDING (110 ft. x 84 ft.), erected 1904. The HORACE MANN SCHOOL (202 ft. x 100 ft.), erected 1901, the school of observation of Teachers College, forms a constituent part of the group on the Broadway side. WHITTIER HALL (202 ft. x 100 ft.), erected 1901, adjoining Teachers College on the east, is the residence hall for women students and officers. In addition to this group of buildings there are the SPEYER SCHOOL (115 ft. x 49 ft.), at 94 Lawrence Street, erected in 1902 as a school of observation and experiment, and the HORACE MANN BOYS' SCHOOL (173 ft. x 60 ft.), a country day school for boys, erected in 1914, at 246th Street, west of Broadway.

The Medical School of the University, the College of Physicians and Surgeons, is on 59th Street, between Ninth and Tenth Avenues. The group of buildings comprises the SOUTH BUILDING (141 ft. x 43½ ft.), erected 1886, the MIDDLE BUILDING (56 ft. x 54½ ft.), erected 1886, both the gift of William H. Vanderbilt; the NORTH BUILDING (94 ft. x 43½ ft.), erected 1886, and to which a six-story building (87 ft. x 49 ft.) was added in 1917; the INSTITUTE OF ANATOMY (88½ ft. x 45 ft.), and the VANDERBILT CLINIC (106 ft. x 60 ft.), both erected 1896 with funds provided by the gift of Cornelius, William K., Frederick W., and George W. Vanderbilt; the SLOANE HOSPITAL FOR WOMEN (145 ft. x 98 ft.), erected 1886-1911, the gift of Mr. and Mrs. William D. Sloane.

The COLLEGE OF PHARMACY (75 ft. x 100 ft.), erected in 1894, is in West 68th Street, between Broadway and Columbus Avenue.

The entire University occupies 50.629 acres of ground in New York City, and has, in addition, a Summer Camp of Surveying and Geodesy, covering 585 acres in Morris, Connecticut.

## ORGANIZATION

The title to all corporate property is vested in a board of twenty-four Trustees, whose term of office is for life, and who form a self-perpetuating body, exercising the power of appointment as to all officers of instruction and administration and general oversight and control of the affairs of the University. In 1909 provision was made for the nomination by the Alumni of six of the twenty-four Trustees.

THE PRESIDENT has charge of the educational administration of the University and is Chairman of the University Council and of every faculty and administrative board established by the Trustees. The Treasurer of the corporation elected by the Trustees

has charge of the financial administration of the University. The other principal administrative officers are the Deans of the several faculties and the Directors of the Summer Session and Extension Teaching, and of the Schools of Architecture and of Journalism, who under the general supervision of the President have immediate charge of the educational work of the University, the Provost of the University, the Librarian, the Chaplain, the Comptroller, the Secretary of the University, the Registrar, the Bursar, and the Superintendent of Buildings and Grounds.

THE UNIVERSITY COUNCIL is a representative body consisting of the President, the Deans, certain other administrative officers, and two members elected from each of the several faculties. Subject to the reserved power of control by the Trustees, it is the function of the Council (a) to control the award of the higher degrees, to secure the correlation of courses with a view to increase the efficiency and to enlarge the range of University work, to encourage original research, and to adjust all questions involving more than one faculty; (b) to make recommendations, both to the Trustees and to the several faculties, concerning the educational administration of the University, and to advise the President upon such matters as he may bring before it; (c) to appoint all Fellows and University Scholars and, within the limits of the Statutes, to make rules for their government.

THE FACULTIES of the University are composed of the members of the corps of instruction of professorial rank. It is the function of the Faculties (a) to fix the requirements of admission, the program of studies, and the conditions of graduation; (b) to establish rules for ascertaining the proficiency of students, and for the assignment of honors; and (c) to fix the times of graduation. The Faculties, in their turn, are made up of various Departments of Instruction, which in the case of larger Departments have an organization of their own under an administrative head. For purposes of administration the Departments are further grouped together in a number of Divisions.

### SCHOOLS AND COLLEGES

The Schools and Colleges composing the University are as follows:

COLUMBIA COLLEGE, the oldest part of the University and in a sense the mother of the rest, offers a program of studies leading to the degree of Bachelor of Arts. Emphasis is placed upon the quality of the student's work rather than upon the time spent in residence, and this combined with the close coordination of the work of the Summer Session and Extension Teaching with that of the College, makes it possible for a well-prepared candidate to complete the requirements for the bachelor's degree in three years. The program provides not only for those students who wish to devote their entire time to undergraduate work, but for those who desire during their collegiate residence to prepare themselves for advanced standing in some professional course of study. As a preliminary to any professional courses the University strongly recommends at least two years of collegiate work, and candidates for professional degrees who are not already college graduates are advised to take advantage of the opportunities offered through Columbia College for a combination of general and professional studies which will lead to the bachelor's degree in arts or science, in addition to a professional degree in law, medicine, mining, engineering, chemistry, or architecture, in six years.

BARNARD COLLEGE, founded in 1889, is a separate corporation and has separate buildings. As an undergraduate college for women, however, it bears the same relation to the educational system of Columbia University as does Columbia College for men. The requirements for admission and the standard of scholarship are of the same grade. The degree of Bachelor of Arts or Bachelor of Science is conferred upon its graduates by the University on the recommendation of the Faculty of Barnard College.

THE GRADUATE FACULTIES of the University, consisting of the coordinated non-professional faculties of Political Science, of Philosophy, and of Pure Science, offer

advanced courses of study and investigation leading to appropriate degrees in law, medicine, philosophy, education, philology and letters, history, economics and social science, public law, mathematics and natural science, mines, engineering, chemistry, journalism, architecture, business, and pharmacy. Women students are admitted to all graduate courses except in law, mines, engineering, and chemistry. Advanced courses and opportunities for original research leading primarily to the degrees of Master of Arts and Doctor of Philosophy are offered by:

THE FACULTY OF POLITICAL SCIENCE, established in 1880, in history, political philosophy, economics, social science, public law, and comparative jurisprudence.

THE FACULTY OF PHILOSOPHY, established in 1890, in philosophy, education, psychology, anthropology, classical philology, English, comparative literature, the Germanic, the Romance, and the Oriental languages.

THE FACULTY OF PURE SCIENCE, established in 1892, in mathematics, astronomy, physics (mathematical and experimental), chemistry, mineralogy, geology, zoology, botany, psychology, physiology, anatomy, bacteriology, embryology, biological chemistry, pathology, and engineering.

THE COLLEGE OF PHYSICIANS AND SURGEONS, founded in 1807, offers a course of four years in the principles and practice of medicine and surgery, leading to the degree of Doctor of Medicine.

THE SCHOOL OF LAW, established in 1858, offers courses of three years and of one year in the principles and practice of private and public law, leading to the degrees of Bachelor and Master of Laws respectively.

THE SCHOOL OF MINES, founded in 1863, offers a three years' course of special professional study in mining and metallurgical engineering, leading to the degrees of Engineer of Mines and Metallurgical Engineer.

THE SCHOOL OF ENGINEERING, set off from the School of Mines in 1896, offers a three years' course of special professional study in civil engineering, sanitary engineering, electrical engineering, mechanical engineering, and chemical engineering, leading to the degrees of Civil Engineer, Electrical Engineer, Mechanical Engineer, and Chemical Engineer.

THE SCHOOL OF CHEMISTRY, also set off from the School of Mines in 1896, offers a three years' course of special professional study, leading to the degree of Chemist. The Schools of Mines, Engineering, and Chemistry also offer advanced courses leading to the degree of Master of Science.

TEACHERS COLLEGE, founded in 1888 and chartered 1889, was included in the University in 1898. It is a separate corporation, but takes academic rank in the University system as a professional school for teachers. It offers through the Faculty of Education professional graduate courses in school administration and in secondary, elementary, and kindergarten education, leading to the Teachers College diploma and the doctor's and master's degrees. Through its Faculty of Practical Arts, the College offers (a) a four-year program of collegiate study, based on four years of high school work, leading to the degree of Bachelor of Science, and uniting liberal education in the fundamental cultural subjects with technical training in household arts, fine arts, industrial arts, music, physical education, and nursing and health; (b) two-year professional curricula in each of the above technical subjects, based on two years of collegiate study and leading to the Teachers College diploma and to the degree of Bachelor of Science.

THE COLLEGE OF PHARMACY is, similarly, a separate corporation. It offers University courses leading to the degrees of Pharmaceutical Chemist, Bachelor of Science in Pharmacy, and Doctor of Pharmacy.

THE SCHOOL OF JOURNALISM, founded in 1912 through the gift of the late Joseph Pulitzer, offers courses in letters, science, and practical Journalism leading to the degree of Bachelor of Literature.

THE SCHOOL OF ARCHITECTURE, founded as a department in 1896 and as a separate School in 1914, offers courses of study leading to the degree of Bachelor of Architecture, and advanced courses leading to the degree of Master of Science.

THE SCHOOL OF BUSINESS, organized in 1915, offers courses of study and technical and professional instruction in accounting, finance, and various branches of business leading to the degree of Bachelor of Science; and advanced courses leading to the degree of Master of Science.

THE SCHOOL OF DENTISTRY, organized in 1917, offers courses in Dentistry and Oral Hygiene leading to the degree of Doctor of Dental Surgery.

The University maintains a SUMMER SESSION, of six weeks' duration, in which are offered courses that are accepted in partial fulfilment of the requirements of certain academic degrees and diplomas.

Through its system of EXTENSION TEACHING, the University offers to men and women, especially to those engaged in teaching, who can give only a portion of their time to study, an opportunity to pursue subjects included in a liberal education and to take courses, if they so desire, toward a diploma or an academic degree.

### DEPARTMENTS AND DIVISIONS

The several departments of study maintained by the University, including the College of Physicians and Surgeons, Barnard College, Teachers College, the College of Pharmacy, grouped in Divisions, are as follows:

ANCIENT AND ORIENTAL LANGUAGES AND LITERATURES: Classical Philology, Chinese, Indo-Iranian Languages, Semitic Languages.

BIOLOGY: Anatomy, Bacteriology, Biological Chemistry, Pathology, Physiology, Zoology.

BUSINESS: (School of Business).

CHEMISTRY: Chemistry, Biological Chemistry.

DENTISTRY: (School of Dentistry).

EDUCATION: Education, Educational Research.

ENGINEERING: Chemical Engineering, Civil Engineering, Electrical Engineering, Engineering Drafting, Mechanical Engineering.

GEOLOGY, GEOGRAPHY, AND MINERALOGY: Geology, Geography, Mineralogy.

HISTORY, ECONOMICS, AND PUBLIC LAW (FACULTY OF POLITICAL SCIENCE): Economics, History, Social Science, Public Law, and Jurisprudence.

JOURNALISM: Journalism.

MATHEMATICAL AND PHYSICAL SCIENCES: Astronomy, Mathematics, Physics.

MEDICINE: (College of Physicians and Surgeons).

METALLURGY AND MINING: Metallurgy, Mining.

MODERN LANGUAGES AND LITERATURES: English and Comparative Literature, Celtic, Germanic Languages, Romance Languages, Slavonic.

PHARMACY: (College of Pharmacy).

PHILOSOPHY, PSYCHOLOGY, AND ANTHROPOLOGY: Anthropology, Philosophy, Psychology.

PHYSICAL EDUCATION: Physical Education.

PRACTICAL ARTS: Fine Arts, Household Arts, Manual Training.

PRIVATE LAW: (Faculty of Law).

### ANNOUNCEMENTS

The Announcements of each College or School, of the Summer Session, of Extension Teaching, and of the several Divisions, may be obtained without charge from the Secretary of the University.

# GENERAL REGULATIONS

## STATUS OF STUDENTS

A student may enter Columbia University as either:

1. A matriculated student accepted by the University as having fulfilled the preliminary qualifications for candidacy for a degree, certificate of proficiency, or diploma. A period of regular attendance upon all stated academic exercises amounting to at least one academic year must be completed by each candidate; or
2. A non-matriculated student, permitted to attend such courses as he may be qualified to take but not regarded as a candidate for a degree, certificate of proficiency, or diploma.

In the announcement of each faculty will be found the conditions governing admissions to courses under that faculty.

Under the Statutes every student is admitted subject to the disciplinary powers of the University authorities. The President is empowered to administer discipline and to authorize the Deans of the several faculties to do so on his behalf.

## REGISTRATION

Before attending any University exercise each student must register, *i. e.*, must present himself in person to furnish the information necessary for the University records and to file a statement of the courses he is authorized to pursue. The central office of the Registrar, University Hall, and the offices at the College of Physicians and Surgeons, 437 West 59th Street, at the College of Pharmacy, 115 West 68th Street, and at Barnard College and Teachers College were open for registration on February 5 and 6, 1917, September 19 to September 25, 1917, and on February 4 and 5, 1918. New students were permitted to register on the day following each of these periods. Those unable to complete their registration may file a provisional statement within the statutory period. Students registering late are charged an additional fee of five dollars and are held accountable for absences thus incurred. Registration cannot be completed until the fees for the Session have been paid.

Students holding fellowships or scholarships are required to register not later than the date specified in the Academic Calendar; failure to do so may be considered as vacating the fellowship or scholarship.

The requirements for graduation may be completed at any time during the year, but diplomas are issued only at commencement and under date of the last Wednesday in February and October, respectively.

*Withdrawal.* An honorable discharge is granted to any adult student in good standing who may desire to withdraw from the University; a minor must submit the written assent of his parent or guardian. Students withdrawing from the University are required to notify the Registrar. No application for a return of fees can be considered unless written notice be given at the time of withdrawal. The Dean of any faculty may, for reasons of weight, grant a leave of absence to a student in good standing.

## FEES

All fees are payable semi-annually in advance, and no reduction is made for late registration. Under the regulations, the privileges of the University are withheld from any student delinquent in the payment of his fees.

The fees to be paid by students are subject to change at any time in the discretion of the Trustees.

*Students who were matriculated as candidates for a degree prior to July 1, 1915, may be permitted to pay for tuition for courses taken to fulfill the requirements for that degree at the rate effective during the academic year 1915-1916.*

The following fees are prescribed by statute:

## SUMMARY OF FEES

- |  |        |
|--|--------|
| (a) University Fee:  |        |
| For all students (except those in Extension Teaching) for each Winter, Spring, or Summer Session, or any part thereof . . . . .  | \$5.00 |
| For students in Extension Teaching exclusively, for a Spring and a Winter Session, or for a Summer Session, or any part thereof . . .  | 5.00   |
| (b) Tuition Fee:   |        |
| For all students per point, except in cases where a special fee is fixed for a particular course . . . . .   | 6.00   |
| (c) Examination Fee:   |        |
| For the Bachelor's Degree, not professional or technical (A.B., B.S.) . .  | 15.00  |
| For any professional or technical degree or certificate, including the Degree of B.Lit. in the School of Journalism . . . . .  | 25.00  |
| For the Foreign Service Certificate . . . . .  | 10.00  |
| For the Master's Degree (A.M., M.S., LL.M.) . . . . .  | 25.00  |
| For the Degree of Doctor of Philosophy . . . . .   | 35.00  |
| (d) Privileges:  |        |
| 1. Late registration or application . . . . .  | 5.00   |
| 2. Deficiency and special examinations . . . . .   | 5.00   |
| With a maximum fee for examinations in a single series of . . . . .  | 25.00  |
| The conditions under which such privileges shall be granted are to be determined by the Registrar with the approval of the President.  |        |
| (See <i>Administrative Procedure</i> following.)   |        |
| (e) Entrance Examinations:   |        |
| For each series . . . . .  | 5.00   |
| (f) Rebates:   |        |
| 1. The University Fee and the Examination Fee are not subject to rebate.   |        |
| 2. After the last day of the period provided for change of course, as announced in the University Calendar, no tuition fees will be returned for any course which the student may for any reason discontinue. Exception to this rule may be made only in cases of total withdrawal from the University, when a pro rata return of fees may be authorized by the Registrar. |        |

## ADMINISTRATIVE PROCEDURE

*Late Registration.* For the ultimate date for the completion of registration without the payment of the additional fee, see the Academic Calendar.



*Late Application.* For the ultimate date for filing an application for admission, a deficiency or a special examination, or for a degree, without the payment of the additional fee, see the Academic Calendar.

*Deficiency and Special Examinations.* An examination to remove a deficiency in course or in entrance requirements, or an examination at an unusual time, involves the payment of the additional fee.

When a rebate is allowed for the discontinuance of courses or withdrawals from the University, such rebate will be reckoned from the day upon which the Registrar receives notice from the student.

*Summer Courses in Surveying, Mining, and Geodesy.* Students taking courses in Surveying and Geodesy in the Summer Session at Camp Columbia are required to pay a university fee of \$5 and tuition fees for each course. The university fee is payable but once for each session and allows a student to take any course or courses given during that session for which he is otherwise eligible. The tuition fees are estimated at \$6 per point.

Candidates for admission to advanced standing who attend the Summer Course in Practical Mining are required to pay therefor a fee of \$50.

### DEPOSITS

*Summer Courses in Surveying.* Every student before starting for Camp, and at the same time the fees for the Summer Session in surveying are paid, shall make a deposit at the Bursar's office at Columbia University to meet Camp expenses, *viz.*, board, laundry, charges for drawing material, notebooks, etc.; also to cover any damage to breakage, or loss of instruments or Camp equipment, and transportation of self and baggage from the station to and from the Camp. The Bursar's receipt for said deposit shall be presented to the professor in charge of the Summer Session upon the arrival of the student in Camp.

The amount of the deposit varies with the course or the number of courses taken and is as specified below. Students intending to take two or more courses shall deposit an amount equal to the sum total of the deposits herein specified for the respective courses. A check for the balance of the deposit which shall remain to the credit of the student after his withdrawal from the session will be given to him payable upon application to the Bursar of Columbia University. In case the total charges exceed the deposit the student will be subject to an additional assessment.

The deposit for C.E. 15S shall be \$50; for C.E. 25S, \$50; for C.E. 26S and 26aS, \$25; for C.E. 27S, \$50; for C.E. 28S, \$30; for C.E. 71S, \$35; and for Geodesy 107, \$30.

The deposit for any one survey of Course 15, 25, or 27 shall be \$15.

*Apparatus, Supplies, and Keys to Desks and Lockers.* A deposit for the use of lockers, keys, apparatus, material, and the like, is required of students in certain schools and courses. At the end of the academic year each student will be credited with those articles which he returns in good order, and the value of those he has injured or broken will be deducted from his deposit. Details may be obtained from the Bursar.

### EMPLOYMENT FOR STUDENTS

The University endeavors through the Secretary of Appointments to give to students who need it the opportunity to earn enough for partial support and to extend assistance in other ways. During the current year the student earnings reported amounted to \$185,072.00.

Preference is naturally given, in case of a choice of applicants, to those who, as strangers in New York, are not likely to hear of positions through other channels.

No prospective student should come to Columbia expecting to depend entirely or even largely upon the assistance of the University, and every student should be prepared to meet at least the expenses of the first half-year—say, \$300.<sup>1</sup>

The chiefs of clinic in the Medical School give advice without charge to students on the employment lists.

Communications relating to above should be addressed to the Secretary of Appointments, Room 316 University Hall.

### APPOINTMENT WORK

The appointment work of Columbia University is divided between two branches; one having headquarters at Columbia University, the other at Teachers College.

The duty of these offices is to assist competent graduates of the University to obtain suitable permanent employment.

Both offices will be glad to be informed promptly of present or prospective vacancies in positions for which college-trained men or women are eligible.

No fee is charged for any services rendered.

The office at Columbia University keeps classified lists of those who wish employment in business, in law offices, along social service or public lines, or in technical branches; also in teaching positions in colleges and universities, except those in Education. Communications relating to above should be addressed to the Secretary of Appointments, Room 316 University Hall.

The Committee at Teachers College keeps classified lists of those who desire administrative, supervisory, and teaching positions in normal, secondary, and elementary schools, kindergartens, and hospitals, and for college and university positions in the teaching of Education; that is to say, for any position specific preparation for which is made in Teachers College. Communications should be addressed to the Chairman of the Committee, William A. Maddox, A.M., or its Recorder, Miss Isabelle L. Pratt.

### FELLOWSHIPS, SCHOLARSHIPS, AND PRIZES (See Table of Contents.)

### RELATIONS BETWEEN THE UNIVERSITY AND OTHER INSTITUTIONS

The educational opportunities of students in Columbia University (including Barnard College, Teachers College, and the New York College of Pharmacy) are increased by the close relations of the University with other institutions of instruction and research.

*Museum of Natural History.* The American Museum of Natural History places its collections at the service of advanced students of Columbia University for the purposes of study and research, and provides them with the necessary facilities for work.

*Metropolitan Museum of Art.* The Metropolitan Museum of Art admits students of Columbia University on presentation of cards of introduction from the University, and gives them special facilities for the study of the objects in the Museum.

*New York Botanical Garden.* Columbia University has the privilege of conducting university courses in botany at the New York Botanical Garden and of using its labor-

<sup>1</sup> For Medicine and Mines, Engineering and Chemistry, add \$100, for Architecture add \$50. Students in Mines, Engineering, and Chemistry should also make provision for deposits for apparatus ranging from \$10 to \$40 and for Summer Courses.

atories and floral material, and all courses of instruction given there are open to officers and students of the University without charge. The Director is a member of the Faculty of Pure Science. For a description of the equipment of the Botanical Garden, see the statement of the Department of Botany.

*Theological Seminaries.* The Union Theological Seminary and the General Theological Seminary, both of which are represented on the University Council, admit students of high standing in the University to certain lectures in their regular or special courses without tuition fee. Libraries of the Seminaries, for reference, are open to all qualified students of the University. Reciprocal advantages are offered by the University to students of the Seminaries who are qualified to register as candidates for the higher degrees. The General Theological Seminary offers a scholarship to graduates of Columbia College.

The University also enjoys reciprocal arrangements with the theological seminaries in the vicinity of New York: the Jewish Theological Seminary (New York), Drew Theological Seminary (Madison, N. J.), St. Joseph's Theological Seminary (Yonkers, N. Y.), the New Brunswick (N. J.) Theological Seminary, and the German Theological Seminary (Bloomfield, N. J.).

The Director of the New York School of Philanthropy is a professor in the University, and the same reciprocal advantages for students exist as in the case of the theological seminaries.

*Hospitals.* Besides the Vanderbilt Clinic and the Sloane Hospital for Women, the general and special hospitals of New York afford important fields for clinical teaching. The College of Physicians and Surgeons is in close alliance with the Presbyterian Hospital, and is strongly represented on the staff of many other institutions, and regular clinical instruction at hospitals is made a prominent feature of the program. In many of these hospitals the fourth-year students are admitted as clinical clerks to serve on the house staff.

*Other Institutions.* There are close informal relations between the University and the Hispanic Society of America, the Rockefeller Institute of Medical Research, the New York Zoological Garden, the New York Aquarium, and the laboratories at Wood's Hole and Cold Spring Harbor. (For the Libraries of the City, see below.)

## THE LIBRARY

The Library contains about 686,000 volumes, exclusive of unbound pamphlets and duplicates, and some 80,000 doctoral dissertations.

Among the notable special collections may be mentioned the Columbiana, 3,500 titles; the Phoenix Library, consisting of 7,000 volumes, the gift of Stephen Whitney Phoenix, of the Class of 1859; the Avery Architectural Library, a collection of about 23,000 volumes relating to architecture and decorative art; the Mary Queen of Scots Library, containing 550 volumes, collected and given by General J. Watts de Peyster; the collection of over 1,200 volumes by and about Goethe; the Immanuel Kant collection of nearly 1,000 volumes; the valuable Townsend Library of National, State, and Individual War Records; the Garden Library, deposited by the Southern Society of New York; the valuable library of the Holland Society of New York, 600 volumes, including the remarkable collection of works of Grotius; the philological library of the late Professor Mortimer Lamson Earle, given by his students and friends, consisting of some 2,500 volumes; the library of Henry Livingston Thomas, late Chief Translator of the Department of State, Washington, given by his son, Dr. William S. Thomas, some 9,000 volumes; the library of the American Mathematical Society, 5,000 volumes; the musical library of Dr. James Pech, consisting of 8,723 pieces; the library of the late George W. Hill, 5,000 volumes on mathematics and astronomy; and a collection in

contemporary German literature at the Deutsches Haus, and contemporary French literature at the Maison Française. The Library is also the depository for the Reform Club of the City of New York.

*Reading-rooms.* About 15,000 carefully selected reference books and many of the most important works on all subjects, in standard editions, representing the leading authors in all literatures, are placed in the general reading-room directly accessible to all authorized readers. On the same floor, in the north wing, is the periodical reading-room, where are shelved many bound volumes of periodicals, and the current numbers of government documents and periodicals.

For the convenience of undergraduates of Columbia College, there is in Hamilton Hall a College Study. Five thousand carefully selected volumes have been placed in this room as a reference library.

Connected with the stacks in which are stored the books relating especially to Philosophy, Literature, the Languages, the Sociological and Economic Sciences and History, are twenty special study-rooms, open only to authorized readers, which afford to advanced students and investigators in these fields opportunity to carry on their work in quiet rooms in the immediate vicinity of the literature of the subjects under consideration. The various departments of instruction have special libraries in close connection with their laboratories and lecture-rooms.

The Law Library, the Bryson Library of Teachers College, which is the Educational Library of the University, and the carefully selected reference libraries of Barnard College, the College of Physicians and Surgeons, and the College of Pharmacy, are all available to officers and students of the University. Nearly all of the more private or restricted libraries of the city, such as those of the learned societies, are open to officers and to advanced students introduced by the Librarian of the University.

In the basement of the Library, the New York Public Library maintains a branch of its circulation department. The collection contains about 4,000 volumes and 80,000 additional titles are available through the Interbranch Loan System.

By the courtesy of the trustees of Union Theological Seminary the reading-room of that institution is open to students of the University.

*Catalogues.* The general catalogue of the Library is a record of all books, with the exception of the special collections in Law and Medicine, in the possession of the University. In addition to this there are catalogues of department libraries located in department reading-rooms, and a union catalogue which is a record, by authors only, of books not possessed by the University which may be found in the Library of Congress, John Crerar Library, Harvard University, and other libraries.

*Use of the Library.* All officers, students, and graduates of the University have free access to the Library and may draw books for home use. For further information, consult the *Readers' Manual and Library Rules*.

Officers of New York University, of the College of the City of New York, of the Hunter College, of the Metropolitan Museum of Art, of the American Museum of Natural History, and principals and heads of departments of the New York High Schools, are granted the same Library privileges as are extended to graduates of Columbia University.

Persons of mature years desiring to engage in definite research which cannot be successfully conducted in the Public or other libraries of this city will be given the privilege of using this library in the building, upon filing a satisfactory application, responsibly indorsed. Blank applications will be furnished by the Librarian on request.

The Library is open each week-day (except Labor Day, Thanksgiving, Christmas, New Year's Day, Good Friday, and Independence Day) from 8:30 a. m. until 10 p. m., during the Winter, Spring, and Summer Sessions of the University; and from 8:30 a. m. to 6 p. m. at other times.

## BOOK STORE

A University book store is maintained in the basement of the School of Journalism building under the auspices of the Columbia University Press, where officers and students may purchase books and stationery at stated discounts from list prices.

## THE GYMNASIUM

(See "Equipment" under Physical Education departmental statement.)

## UNIVERSITY COMMONS

The University Commons, in University Hall, is operated under University supervision for the benefit of officers and students. The service is *à la carte*, or on the cafeteria plan.

## RESIDENCE HALLS

*For Men.* There are three University residence halls on South Field, with accommodations for, approximately, 820 men; Hartley Hall, the gift of Mrs. Helen Hartley Jenkins and Marcellus Hartley Dodge, '05, in memory of the late Marcellus Hartley; Livingston Hall, named in memory of Robert R. Livingston, of the Class of 1765; and Furnald Hall, provided for in the will of the late Francis P. Furnald, in memory of his son, Royal Blackler Furnald, a member of the Class of 1901. Each building is ten stories in height exclusive of basement, and 137 feet long by 64 feet wide. They are lighted by electricity and heated by steam, and have telephone and electric elevator service.

The Halls are built of stone and overburned brick. The floors and partitions are of the reinforced concrete type, and the construction is considered thoroughly fire-resistant throughout.

Hartley and Livingston each contain 300 rooms, the average size of the bedrooms being 8' 4" x 14' 6" and of the studies 10' 6" x 14'. Furnald contains 294 rooms, the average size of bedrooms being 9' 0" x 14' 9" and of the studies 11' 6" x 13' 6". All the rooms have outside light and exposure, and the arrangement permits of flexibility in renting rooms in suites. There are also several double rooms. All ceilings are nine feet high. Each bedroom has a clothes closet and enameled basin with hot and cold running water. The rooms are provided with heavy oak furniture of mission type. There are four shower baths on each floor. All the water used in the Halls is filtered. The entrance for students to each Hall is from the campus, and leads directly into a large assembly room sixty feet square. This room runs up through two stories and has a large open fireplace opposite the entrance. It is furnished in heavy leather-covered oak. At one side of the main entrance is the office of the Hall, and on the other a reception-room. In the basement is space for trunk storage. There are well-equipped infirmaries in each one of the residence halls. Rentals range from \$105 for single rooms to \$400 for three-room suites for the academic year of thirty-eight weeks.

The Residence Halls are supervised and controlled by a Council composed of the Comptroller, three University officers, and a representative from each hall. The Council is assisted by three committees made up of residents in the Halls.

While the Halls are open to all male students of the University, students in Columbia College, in accordance with the desire of the donors, are given the preference in the assignment of rooms in Hartley Hall. Rooms on the third, fourth, and fifth floors of Hartley Hall are reserved for use of College Freshmen only. College Freshmen should make selections from these rooms. A pamphlet containing floor-plans, charges, and the Hall Regulations may be had upon application to the Secretary of the University.

Rooms will be assigned in the order of receipt of written applications to be made on a blank provided by the Superintendent of Buildings and Grounds.

*For Women.* Brooks Hall, the residence hall for Barnard College students, on the north side of 116th Street, accommodates ninety students. Full information in regard to the situation and cost of rooms, the advance of deposit, the charge for electric light, and the residence scholarship is published in a separate pamphlet, to be had on application to the Secretary of Barnard College, or to the Mistress of Brooks Hall, Barnard College, New York City.

Whittier Hall, the dormitory of Teachers College, is situated on Amsterdam Avenue, between 120th and 121st Streets, and has accommodations for 455 women. Inquiries regarding rooms, board, and the like should be addressed to the House Director of Whittier Hall, 1230 Amsterdam Avenue.

*Other Accommodations.* Besides these dormitories, there are many good boarding-houses and apartments near the University. The careful selection, inspection, and registration of such lodgings have been undertaken, and a card-catalogue of lodgings for men is kept at Earl Hall, and for women, at the office of the Social Director, Teachers College. Many of the Greek-letter fraternities maintain chapter houses near the University.

## PUBLIC WORSHIP AND RELIGIOUS WORK

Service in St. Paul's Chapel, at which attendance is voluntary, is held every week-day during the academic year, except Saturday and Wednesday, at noon, the period from 12 to 12:20 being set aside by the University Council for religious exercises. On Wednesday there is a vesper service at 5:10. Service on Sunday, with addresses by the Chaplain or by a visiting University preacher, is at 4 o'clock. Organ recitals are also frequently given.

The Chaplain holds hours for consultation after daily chapel service and also in the afternoon at Earl Hall. The Chaplain's house is in close proximity to the campus.

Barnard College, twice a week, and Teachers College, daily, hold separate services in their respective chapels.

## EARL HALL

Earl Hall, the home of the religious, philanthropic, and social organizations and interests of the University, is open from 8:30 a. m. to 10 p. m. daily to all students without expense, under the direct management of the Secretary of Earl Hall, who is also Secretary of the University Young Men's Christian Association.

The building may not be used for distinctly dogmatic or denominational religious teaching, but all organizations, the objects of which are to promote the religious and philanthropic life of their student members and of the student body at large, have the privilege of using it for their meetings. While the social purposes of the Hall are necessarily subordinated to the other uses of the building, the Secretary desires to promote the same type of informal personal and social intercourse that prevails in a good club. Provision for the regular meetings of student organizations is made on a day-and-hour schedule, without exclusive use of any of the rooms, in the following order: societies the purpose of which is (1) primarily religious; (2) primarily philanthropic; (3) primarily literary; and (4) miscellaneous student organizations.

The Secretary of the Young Men's Christian Association, the Chaplain of the University, the University Medical Officer, the Graduate Manager of the Athletic Association, and the Graduate Treasurer of King's Crown have offices in this building.

During certain hours of the day the managers and other student representatives of organizations, such as the Board of Student Representatives, the Columbian, and the Musical Clubs, may be found here.

### MEDICAL ATTENDANCE

The University Medical Officer, Dr. McCastline, has direct supervision of all matters affecting the health of the student body. All cases of communicable disease occurring in homes of students must be promptly reported to him. As University physician, Dr. McCastline holds office hours daily in Earl Hall for consultation with the students.

For those who are without local family physicians there is a Medical Visitor (Dr. D. S. D. Jessup, 601 West 113th Street) whose duties are to render medical assistance to such officers and students as may desire it, either at their homes or elsewhere at a remuneration to be arranged between himself and individual patients.

In Hartley and Furnald are well-equipped infirmaries.

### STUDENT ORGANIZATIONS

The various student organizations, while self-governing, are subject to the following regulations: The schedules of public contests and performances must be approved by the University Committee on Student Organization; budgets for expenditure are approved and checked by the Comptroller; the University Committee on Athletics, consisting of three graduates, two students, and two University officers, adopt and administer rules of eligibility not involving questions of scholarship and govern participation in intercollegiate athletics. Provision is made for the election each year by the student body at large of a Board of Student Representatives. The constitution of this board will be found in the pamphlet on Student Organizations, which may be obtained from the Secretary of the University. The members for the current year are: T. G. Schaedle, '18, *Chairman*; J. M. Bijur, '18; J. B. Gibson, '18; A. L. Huelsenbeck, '19, *Secretary*; A. S. McCabe, '19; W. S. Robinson, '19; I. T. Rosen, '18.

The Columbia University Athletic Association was organized in 1909 for the purpose of formulating and maintaining a general athletic policy at Columbia. The annual dues are \$10.00, entitling members to free admission at all home games and also to the use of the Gould Boat House.

King's Crown is an organization aiming to do for non-athletic activities what the athletic association does for athletics. The annual dues are two dollars, entitling members, among other privileges, to discount from the prices of subscriptions to publications and admission to non-athletic performances.

### GREEK LETTER FRATERNITIES

The following Greek-letter fraternities, given in the order of their establishment, maintain chapters at Columbia University: Alpha Delta Phi; Psi Upsilon; Delta Phi; Delta Psi; Phi Kappa Sigma; Phi Gamma Delta; Phi Kappa Psi; Delta Kappa Epsilon; Zeta Psi; Beta Theta Pi; Delta Tau Delta; Theta Delta Chi; Phi Delta Theta; Delta Upsilon; Sigma Nu; Sigma Chi; Sigma Alpha Epsilon; Phi Sigma Kappa; Theta Xi; Alpha Chi Rho; Alpha Sigma Phi; Zeta Beta Tau; Pi Lambda Phi; Phi Sigma Delta.

# DIVISIONAL AND DEPARTMENTAL STATEMENTS

## INTRODUCTORY

The courses of instruction are numbered in accordance with a plan uniform throughout the University, and attention is called to the following information which the number assigned to a course will in each case indicate.

Odd numbers indicate the Winter Session, even numbers the Spring Session of the academic year. Courses designated 1-21, 2-22, etc., run through the Winter and Spring Sessions beginning in the Winter Session; those designated 4-5, 24-25, etc., begin in the Spring Session; courses designated 1-4, 5-8, etc., run through two complete academic years. Courses numbered between 1 and 100 are, in general, elementary and may not be offered in fulfilment of the requirements for the higher degrees (Masters, Doctors, and Professional Degrees). Courses numbered from 101-200 are primarily for students who hold a first degree but are open to undergraduates who have completed 64 points (for courses in Law, 94 points), including all prescribed work. In general, no such course may be taken without some elementary training in the same or in some allied subject. Courses from 201-300 are restricted to such graduate students who are qualified to pursue the work to advantage. Seminars are numbered from 301 up. Attention is called to the current *Announcement of the Faculties of Political Science, Philosophy, and Pure Science* and particularly to the fact that the requirements for the degrees of Master of Arts, Master of Science, and Doctor of Philosophy are based upon subjects and not upon courses. Students should consult the officers of instruction and administration concerned with regard to their selection of courses before registration.

Credit for courses is given in terms of points. Hours indicated are for a Winter or Spring Session.

Any subject of study not appearing in its alphabetical order may be found through the index.

With the exception of the courses in mines, engineering, chemistry, medicine, and law, all courses numbered over 101 are open to women upon the same terms as to men unless specific statement is made to the contrary.

Unless otherwise stated, the number of hours given indicates the hours of class-room work (lectures, conferences, and recitations) per week. When a course involves both class-room work and laboratory or drafting-room work, the former will be indicated by *C* and the latter by *L* and *D* respectively. In courses in medicine, *D* indicates demonstrations. An 'afternoon' implies three hours a day, normally from 1 to 4.

Students should note the distinction between a department and a school. For instance, there is in the University both a Department of Architecture and a School of Architecture; Departments of Civil, Electrical, and Mechanical Engineering and a School of Engineering. The departmental statements which follow have to do only with the giving of the instruction and the opportunities for research in each special branch of study. The information as to the conditions of admission to the courses and the academic credit to be received therefor, will be found under the information relating to Colleges and Schools which follow the Departmental Statements, and in the separately printed *Announcements*.



It is not possible, within the limits of this volume, to give more than the briefest outline of the courses. In the appropriate *Bulletin of Information* published by the University, and distributed without charge upon application to the Secretary, a detailed statement will be found of the scope of each course, the manner of treatment, the courses requisite, and the like.

## AGRICULTURE

*See introductory paragraphs, page 72*

*Professor:* O. S. MORGAN.

*Assistant Professor:* C. W. LARSON.

*Lecturer:* M. G. KAINS.

*1-2*—Introduction to agriculture. *C* 2 hours, *L* 2 hours, 3 points. Professor O. S. MORGAN.

*101-102*—Advanced agronomy. *C* 1 hour, *L* 6 hours. Full or double course. Professor MORGAN.

## SUMMER SESSION

*51*—Field crops. Lectures and demonstrations. 2 points. Professor MORGAN.

*5101*—Advanced agronomy. Conference and laboratory. 4 points. Professor MORGAN.

*53*—Soil management. 2 points. Lectures and excursions. Professor MORGAN.

*55*—Intensive fruit and vegetable growing. 2 points. Mr. KAINS.

## EXTENSION TEACHING

*e1-2*—Field and forage crops. Lectures and laboratory. 6 points. Professor MORGAN.

*e1a-2a*—Forage and field crops. Section I and II. Lectures and demonstrations. 4 points. With laboratory, 6 points. Professor MORGAN.

*e3-4*—Soils and fertilizers. Lectures and laboratory. 6 points. Professor MORGAN.

*e15*—Free Fruits. Lectures and laboratory. 3 points. Mr. KAINS.

*e15a*—Free fruits. Lectures and demonstrations. 2 points. Mr. KAINS.

*e16*—Small Fruits. Lectures and laboratory. 3 points. Mr. KAINS.

*e16a*—Small Fruits. Lectures and demonstrations. 2 points. Mr. KAINS.

*e17*—Vegetable culture. Lectures and laboratory. 3 points. Mr. KAINS.

*e17a*—Vegetable culture. Lectures and demonstrations. 2 points. Mr. KAINS.

*e18* and *e18a* repeat in the Spring Session, *e17* and *e17a* respectively.

*Equipment.* The work in agriculture is carried on in large part in Schermerhorn Hall. The library is at present lodged in the Botany reading-room. Besides the usual laboratory equipment in field crops, soils, horticulture, and animal husbandry the department has a seventy-six-foot greenhouse. Special research laboratories, with separate temperature and heat control, are provided in the glass-house laboratory. Land for experimental and demonstration plant-work is located near the glass-house and in the New York Botanical Garden. For the graduate work in market surveys many of the industrial plants of New York City furnish unexcelled opportunities.

## ANATOMY

*See introductory paragraphs, page 72.*

*Professor:* G. S. HUNTINGTON (*Executive Officer*).

*Assistant Professors:* B. B. GALLAUDET and WERA DANTSCHAKOFF.

*Associate:* S. C. SHARP.

*Instructors:* W. H. HAWKINS, R. E. TAYLOR, K. J. LOEWI, F. W. GRAVELLE, G. A. CARLUCCI, O. C. PICKHARDT, and J. C. VAUGHAN.

*Assistants:* L. A. VIETOR, D. S. CONLEY, and J. D. KERNAN, JR.

101—Histology and embryology. 12 hours. 8 points. Professor SCHULTE and Drs. HEAGEY, SHARP, DANTSCHAKOFF, SMITH, and TAYLOR.

103-104—Anatomy of the extremities; preliminary visceral anatomy. Demonstrations, recitations, conferences, and dissections. 12 hours. 16 points. Drs. BROWN, VAUGHAN, GRACE, and MACGUIRE.

105—Anatomy of head, abdomen, and thorax. 12 hours. 6 points. Drs. ST. JOHN and COBB.

107—Vertebrate morphology. Anatomy of the body cavities, visceral and topographical course, thorax and abdomen. 3 hours. 2 points. Professor HUNTINGTON.

109—Anatomy of the mouth, larynx, and pharynx. 3 hours. Professor GALLAUDET.

111—Anatomy of the eye. 3 hours. Professor GALLAUDET.

113—Anatomy of auditory apparatus. 3 hours. Professor GALLAUDET.

114—Topographical anatomy of the thorax. 3 hours. Professor GALLAUDET.

116—Topographical anatomy of the abdomen. 3 hours. Professor GALLAUDET.

118—Topographical anatomy of the male and female genito-urinary tract. 3 hours. Professor GALLAUDET.

120—Regional anatomy of the head and neck. 3 hours. Professor GALLAUDET.

202—Special morphology. 3 hours. Half course. Professors HUNTINGTON and SCHULTE.

251-252—Research in anatomy. Under the direction of the professor of anatomy. One-half to 2 double courses. The officers of the department.

302—Seminar in histology and embryology. 1 hour. (No credit.) Professor SCHULTE.

*Equipment.* The laboratory facilities of the department are very complete. The large general dissecting-room accommodates from 390 to 546 students, working in groups of five or seven at one table.

The laboratory for advanced morphological research occupies the third story of the anatomical building. Every facility for advanced and research work in morphology is here extended. The established connections of the department furnish abundant human and comparative material, both mature and embryonal. The private library of the Professor of Anatomy is at the disposal of advanced workers.

*Museum.* Much work has been done in the formation of a Museum of Human and Comparative Anatomy, the ultimate design of which is to present, in as complete a manner as possible, a view of the evolution of the forms of animal life, and of their natural relations both in series of natural groups and in the comparative and relative positions of organs and systems. The collection, both as regards groups and the individual preparations, is designed for the illustration of both elementary and advanced courses.

The second floor of the anatomical building has been furnished throughout with suitable exhibition and demonstration stands. It is the intention of the department to install in this space the portion of the collection most used in the medical courses, thus establishing an undergraduate teaching museum which will both increase the

efficiency of the sectional demonstrations and render the material upon which they are based available at all times for study and research.

A study collection of human osteological preparations is so administered as to enable every student to take out the different osteological series and retain them for private study as long as required.

## ANTHROPOLOGY

*See introductory paragraphs, page 72*

*Professors:* F. BOAS (*Executive Officer*) and M. H. SAVILLE.

*Instructor:* A. GOLDENWEISER.

*Lecturer:* P. E. GODDARD.

1-2—General introductory course. 3 hours and visits to the American Museum of Natural History. 6 points. Dr. GOLDENWEISER.

101—Introduction to anthropology. 2 hours. Half or full course. Professor BOAS.

102—Methods of anthropological research. 2 hours. Half or full course. Professor BOAS.

105-106—Anthropometry biometrical methods. 2 hours. Full course. Professor BOAS.

111—Mexican archæology. 2 hours. Full course. Professor SAVILLE.

112—Archæology of northwestern South America. Full course. 2 hours. Professor SAVILLE.

117-118—Languages of North America—Introductory course. 2 hours. Full course. Professor BOAS.

131-132—Prehistoric archaeology and ethnography of Europe. 2 full courses. Professor BOAS.

133-134—Ethnography of America and Siberia. 2 hours. Full course. Dr. GOLDENWEISER.

137-138—General ethnology—primitive man and his physical environment. Full course. Dr. GOLDENWEISER.

140—General ethnology: Types of primitive social organization. Dr. GOLDENWEISER.

203-204—Research work in anthropology. Professors BOAS and SAVILLE, Dr. GOLDENWEISER, Dr. GODDARD.

Seminar in ethnology. 2 hours bi-weekly. Professor BOAS.

303-304—Colloquium, History of anthropological theories. Dr. GOLDENWEISER.

The collections of the American Museum of Natural History may be used by students of anthropology.

ARABIC (See page 157)

## ARCHITECTURE

*See introductory paragraphs, page 72*

*Professors:* A. D. F. HAMLIN and W. A. BORING.

*Assistant Professors:* C. A. HARRIMAN and C. P. WARREN.

*Associate:* A. WARE.

*Curator:* R. F. BACH.

*Instructor:* G. M. ALLEN.

*Assistants:* H. W. CORBETT, J. C. GREGORY, and J. LAUBER.

1-2—The elements of architecture. C 1 hour and work in drafting-room. Professor HARRIMAN.

- 5—Shades and shadows. C 3 hours and work in drafting-room. Mr. ALLEN.
- 6—Descriptive geometry. C 3 hours. Mr. ALLEN.
- 7—Perspective. C 2 hours and work in drafting-room. Mr. ALLEN.
- 8—Stereotomy. C 1 hour and work in drafting-room. Mr. ALLEN.
- 11—Mechanical equipment of buildings. C 2 hours. Professor WARREN.
- 12—Specifications. C 2 hours. Professor WARREN.
- 15-16—Building materials and construction. C 2 hours and work in drafting-room. Professor WARREN.
- 17-18—Architectural engineering. C 2 hours and work in drafting-room. Professor WARREN.
- 21-22—Ancient architecture. C 2 hours. Professor HAMLIN.
- 23-24—Medieval and oriental architecture. C 2 hours. Professor HAMLIN.
- 25-26—Renaissance and modern architecture. C 2 hours. Professor HAMLIN.
- 27—Historic research—ancient and medieval architecture. Equivalent of 4 hours weekly in library during first half-year. Professor HAMLIN and Curator BACH.
- 28—Historic research—Renaissance, modern and oriental architecture. Equivalent of 4 hours weekly in library during second term. Professor HAMLIN and Curator BACH.
- 31-32—Ancient ornament. C 1 hour and work in drafting-room. Professor HAMLIN.
- 33-34—Medieval ornament. C 1 hour and work in drafting-room. Professor HAMLIN.
- 35-36—Modern ornament. C 1 hour and work in drafting-room. Professor HAMLIN.
- [41-42—Decorative arts. C 1 hour and research. Curator BACH.]
- 51—Principles of planning. C 1 hour. Professor BORING.
- 52—Principles of composition. C 1 hour. Professor BORING.
- 61-62—Elementary design. Major and minor problems, second year. Professor BORING, Mr. WARE, and Mr. CORBETT.
- 63-64—Intermediate design. Major and minor problems, third year. Professor BORING, Mr. WARE, and Mr. CORBETT.
- 65-66—Advanced design. Major and minor problems, fourth year. Professor BORING, Mr. WARE, and Mr. CORBETT.
- 67-68—Thesis. An important final problem during four months of last year. Professor BORING, Mr. WARE, and Mr. CORBETT.
- 71-78—Drawing. D 4 hours weekly throughout four years. Freehand drawing, pen and ink, and water colors from the cast, still-life, and living model. Professor HARRIMAN and Mr. LAUBER.
- 72a, 74a, 76a—Summer work. Curator BACH.
- 80—Modeling. 4 hours weekly. Mr. GREGORY.
- [91-92—History of painting. C 1 hour and research. Curator BACH.]
- [93-94—History of sculpture. C 1 hour and research. Curator BACH.]
- 117-118—Advanced construction. Problems in structural design, with accompanying details and specifications. Professors BORING and WARREN, Mr. WARE, and Mr. CORBETT.
- 121-122—Ancient architecture. C 2 hours. Professor HAMLIN.
- 221-222—Historic research: Ancient architecture. Equivalent of 4 hours weekly in library. Professor HAMLIN and Curator BACH.
- 123-124—Medieval and oriental architecture. C 2 hours. Professor HAMLIN.
- 223-224—Historic research: Medieval and oriental architecture. Equivalent of 4 hours weekly in library. Professor HAMLIN and Curator BACH.
- 125-126—Renaissance and modern architecture. C 2 hours. Professor HAMLIN.
- 225-226—Historic Research: Renaissance and modern architecture. Equivalent of 4 hours weekly in library. Professor HAMLIN and Curator BACH.
- 161-162—Graduate design. Major and minor problems. Professor BORING, Mr. WARE, and Mr. CORBETT.

321-322—Graduate research. Four essays upon subjects selected by the student and approved by the Professor of the History of Architecture, involving original research and study in the Avery library and the Metropolitan Museum of Art, to the extent of approximately 10 hours per week through the year. Professor HAMLIN.

*Math. 1*—Advanced Algebra—C 3 hours. Professor GROVE.

*Math. 8*—Analytical Geometry—C 3 hours. Mr. BELCHER.

*Math. 9*—Calculus. C 3 hours. Mr. BELCHER.

*Mech. 10*—Mechanics. C 3 hours. Professors BURNSIDE and SCHROEDER.

#### SUMMER SESSION

*sF*—Freehand drawing. C 3 hours and work in drafting-room. 2 points. Mr. ALLEN.

*s7*—Perspective. C 6 hours and work in drafting-room. 3 points. Mr. ALLEN.

*s61-62*—Elementary design. Major and minor problems. 6 points. Mr. WARE.

*s63-64*—Intermediate design. Major and minor problems. 6 points. Mr. WARE.

*s65-66*—Advanced design. Major and minor problems. 6 points. Mr. WARE.

*s67-68*—Thesis. 4 points. Mr. WARE.

#### EXTENSION TEACHING

*e6*—Descriptive Geometry. C 3 hours and work in drafting-room. 4 points. Mr. ALLEN.

*e6a*—Shades and shadows. C 3 hours and work in drafting-room. 4 points. Mr. ZOLLER.

*e7*—Perspective. C 2 hours and work in drafting-room. 3 points. Mr. ALLEN.

*e11*—Mechanical equipment of buildings. C 2 hours. 3 points. Mr. WALSH.

*e12*—Specifications. C 2 hours. 3 points. Mr. WALSH.

*e15-16*—Building materials and construction. C 2 hours. 6 points. Mr. WALSH.

*e19-20*—Architectural engineering. C 2 hours. 6 points. Mr. POND.

*e27*—Ancient architecture. C 2 hours. 2 points. Mr. HOPKINS.

*e28*—Medieval architecture. C 1 hour. 2 points. Mr. HOPKINS.

*e31-32*—Ancient ornament. C 1 hour. 2 points. Mr. HAMLIN.

*e33-34*—Medieval ornament. C 1 hour. 2 points. Mr. HAMLIN.

*e61-62*—Elementary design. Mr. WARE, Mr. CORBETT, and Mr. SCHULZ.

*e63-64*—Intermediate design. Mr. WARE, Mr. CORBETT, and Mr. SCHULZ.

*e65-66*—Advanced design. Mr. WARE, Mr. CORBETT, and Mr. SCHULZ.

*e67-68*—Thesis. Mr. WARE, Mr. CORBETT, and Mr. SCHULZ.

*e71-72*—Drawing. D 4 hours. Professor HARRIMAN.

*e75-76*—Drawing. C 4 hours. 4 points. Professor HARRIMAN.

*e80*—Drawing. C 4 hours. 2 points. Professor HARRIMAN.

*e82*—Modeling. C 3 hours. 2 points. Mr. GREGORY.

*Equipment.* The School of Architecture occupies three complete floors in Avery Hall. The provision of rooms for lectures, drawing, drafting, and study is ample, and the drafting-rooms on the upper floor are well lighted and convenient. Two rooms are set aside for the study of books and photographs, and there is a large exhibition room for Design and other current work.

The Avery Architectural Library, consisting of about 23,000 volumes relating to architecture and allied arts occupies the ground floor of the building. It is open to the public daily (except Sundays and holidays) from 9 a. m. to 6 p. m., and from 7 to 10 p. m. Its abundance of material is available at all times for purposes of study and illustration in the School.

In addition to this, the School possesses, in its own departmental library, a collection of about 18,000 photographs and several hundred books, a classified library of many thousands of prints and plates, and a large number of original drawings, including examples of architectural draftsmanship from the École des Beaux-Arts at Paris and from many other sources. A collection of about 15,000 lantern slides is in daily use for illustrating lectures on the history and theory of architecture, painting, and sculpture, on ornament and the allied arts, as well as landscape and civic design. The School also possesses a valuable collection of casts for use in the drawing-rooms and for general illustrative purposes. The illustrative material on construction and architectural engineering is also extensive, comprising a large variety of building materials and appliances and a number of structural models specially prepared for the School.

ARMENIAN (See page 156)

ASSYRIAN (See page 156)

## ASTRONOMY

*See introductory paragraphs, page 72*

*Professor:* H. JACOBY.

*Associate:* W. BOWIE.

1-2—Navigation—introductory course. C 2 hours, L 2 hours. 6 points. Professor JACOBY.

105—Geodesy—Brief history of geodetic operations and description of instruments, including their adjustment and use. 2 hours. Professor JACOBY.

106—Geodesy and practical astronomy. C 1 hour, L 3 hours. Professor JACOBY.

205-206—Astronomic theories: and the reduction of photographic star plates. 1 hour with practical work, for two years. Professor JACOBY.

## SUMMER SESSION

51-51a—Introduction to the science. Professor JACOBY.

5103—Navigation. Professor JACOBY.

1075—Geodetic surveying. 3 points. Professor JACOBY, Mr. BOWIE, and assistants.

*Equipment.* The Wilde Observatory contains an equatorial telescope, with clock work and accessories. The University has also a very complete collection of instruments for the application of astronomy to geodesy, including a Bamberg universal combined prismatic transit and zenith telescope of 4-inch aperture; a Wanschaff zenith telescope of 8-cm. aperture, suitable for latitude measures of the highest precision; two Wanschaff 8-inch microscope theodolites; two Fauth 8- and 10-inch microscope theodolites; secondary bar base and invar tape base apparatus, with stretching machines; complete outfit of engineer's instruments, sextants, apparatus for barometric hypsometry, clocks, chronometers, electric chronographs, etc.; five computing machines.

For the advanced study of astronomy proper, there are special facilities including two Repsold measuring machines of the latest type and a large collection of original astronomical photographs, suitable for measurement and reduction. These photographs were made by Gill at the Cape of Good Hope, Rutherford at New York, Donner at Helsingfors, Henry at Paris, Campbell at Mt. Hamilton, etc. Funds are provided for the publication of researches in astronomical photography. (See University Bibliography.)

In addition, there are a number of unmounted instruments, including Lewis Morris Rutherford's famous 13-inch equatorial, with its attachments.

*Library.* The University Library is especially strong in astronomy. Among other important collections, it contains the private library of the late Dr. Otto Struve, formerly director of the Pulkowa Observatory.

## BACTERIOLOGY

*See introductory paragraphs, page 72*

*Professor:* H. ZINSSER (*Executive Officer*).

*Instructors:* A. K. BALLS, E. TSEN, H. R. MILLER, B. T. TERRY, F. H. FRANKEL, J. G. DWYER, R. OTTENBERG, and M. MCBURNEY.

101—General bacteriology. For medical students. 6 hours. Professor ZINSSER, Drs. HOPKINS, DWYER, and MCBURNEY.

201—Advanced bacteriology. 18 hours. Professor ZINSSER and Drs. HOPKINS and DWYER.

203—Special bacteriology. The study of known species of bacteria and their chemical products, and original investigations. Professor ZINSSER and Dr. HOPKINS.

205-206—The principles of infection, immunity, serum diagnosis, and therapy. 1 hour. Professor ZINSSER.

208—A practical laboratory course in the technique of serum study. 6 hours. Professors ZINSSER and HOPKINS, and Dr. OTTENBERG.

209-210—Clinical bacteriology. 4 hours. Dr. DWYER.

211-212—Clinical serology. 6 to 8 hours for one-half semester. Dr. OTTENBERG and assistants.

251-252—Research in bacteriology. Time varies individually. Professor ZINSSER and staff.

## BIOLOGICAL CHEMISTRY

(*Nutrition*)

*Professor:* W. J. GIES (*Executive Officer*).

*Associates:* F. G. GOODRIDGE, B. HOROWITZ, E. G. MILLER, JR.

*Assistants:* V. I. ISAACSON, M. KARSHAN, S. D. KRAMER, G. A. LOWENSTEIN, C. H. RICHARDSON, GROVER TRACY.

51—Elementary organic chemistry. C, D, R, 2 hours, L 6 hours. 4 points. Dr. MILLER and Messrs. RICHARDSON, ISAACSON, and TRACY.

52—Nutrition (physiological chemistry). C, D, R, 2 hours, L 6 hours. Professor GIES, Dr. MILLER, and Messrs. RICHARDSON, ISAACSON, and TRACY.

101 or 102—General biological (physiological) chemistry. C, R, 1 hour, L 7 hours. Professor GIES, Dr. HOROWITZ, and Messrs. LOWENSTEIN, KARSHAN, and ISAACSON.

211-212—Biochemical methods of research, including clinical and general methods for the analysis of blood and urine. C 1 hour, L 7 hours. Dr. MILLER and Mr. ISAACSON.

221-222—Nutrition in health. C 2 hours, L 14 hours. Professor GIES and Mr. LOWENSTEIN.

251-252—Research in biochemistry. L 16 hours. Professor GIES.

261-262—Toxicological chemistry. L 8 hours. Professor GIES and Mr. KARSHAN.

272—Botanical Chemistry. C 1 hour, L 7 hours. Professor GIES and Dr. HOROWITZ.

281-282—Bacteriological chemistry. C 1 hour, L 7 hours. Professor GIES and Mr. KRAMER.

301-302—The members of the teaching staff, candidates for the A.M. and Ph.D. degrees, and all other investigators in the department, meet weekly to discuss results of recent researches in chemical biology; 2 hours; open to all students in the University.

#### SUMMER SESSION

s101—Biological chemistry. C and D 5 hours, L 10 hours. Professor GIES.

s225—Nutrition in health and disease. 5 hours. Professor GIES and assistant.

s251—Research, including investigation in dental chemistry. Professor GIES.

*Biochemical Research.* Biochemical research may be conducted by advanced workers, independently or under guidance. Professor GIES consults regularly with investigators in the departmental laboratories; also in the laboratory of pathological chemistry of Bellevue Hospital and at the N. Y. Botanical Garden.

*Library.* Professor GIES's library occupies a room adjoining the main laboratory at the medical school and is accessible, by appointment, to all workers in the department. The library contains 3,000 volumes and 10,000 classified separates.

*Equipment.* The headquarters of the Department of Biological Chemistry are at the College of Physicians and Surgeons, where thirteen rooms are well equipped for experimental work. Two of the rooms will each accommodate about seventy workers at a time. Eleven smaller rooms are specially fitted up for experimental investigations by advanced students.

The laboratory of physiological chemistry at Teachers College is situated on the fourth floor of the Household Arts building. It contains two rooms fully stocked with apparatus and chemicals. The larger of these rooms will accommodate thirty-five workers at a time. The smaller room is intended for work by advanced students.

*Biochemical Association.* The Columbia University Biochemical Association holds quarterly scientific meetings, which are open to all students in the University. The association publishes the *Biochemical Bulletin*, which is now in its sixth volume.

#### BIOLOGY

Thirteen courses in biology (elementary human anatomy and physiology, introduction to biology, human biology, biology in sex-education, biological nature study, applied biology—advanced course, elementary microbiology, including bacteriology, special problems in applied biology) are offered under the direction of Teachers College. For details see the current *Announcement of the School of Practical Arts*.

#### BOTANY

*See introductory paragraphs, page 72*

*Professors:* R. A. HARPER (*Executive Officer*) and H. M. RICHARDS.

*Associate Professors:* C. C. CURTIS and W. G. MARQUETTE.

*Assistant Professor:* T. E. HAZEN.

*Instructor:* B. O. DODGE.

*Lecturers:* Mrs. H. M. RICHARDS and Mrs. M. W. COUTANT.

*Assistants:* H. N. TRUESDELL, R. A. STEINBERG, and H. M. RUSK.

Certain graduate courses at the New York Botanical Garden are also given, either wholly or in part, by members of the Garden staff.



1-2—General botany. *C* 2 hours, *L* 4 hours. 8 points. Professor CURTIS and Mr. YAMPOLSKY.

3-4—Plant morphology. *C* 2 hours, *L* 4 hours. 8 points. Professor CURTIS and Dr. DODGE.

5—Elementary plant pathology. *C* 1 hour, *L* 3 hours. 3 points. Dr. DODGE.

6—Economic botany. *C* 1 hour, *L* 3 hours. 3 points. Dr. DODGE.

7—Growth and character of timber. *C* 1 hour, *L* 3 hours. 2 points. Professor CURTIS and Mr. NIXON.

9-10—Botanical problems. Introductory to research. Professors HARPER, CURTIS, MARQUETTE, and Dr. DODGE.

11-12—Plant anatomy and histology. *C* 2 hours, *L* 4 hours. 8 points. Professor MARQUETTE.

101-102—Plant physiology. *C* 2 hours, *L* 6 hours. 8 points. Professor MARQUETTE.

103-104—Structure and development of plants. *C* 2 hours, *L* 6 hours. 6 or 10 points. Professor CURTIS and Dr. DODGE.

113-114—Morphology of the higher plants. *C* 2 hours, *L* 6 hours. 6 or 10 points. Professor CURTIS.

115-116—Mycology. Advanced work. *C* 2 hours, *L* 6 hours. 6 or 10 points. Professor HARPER and Dr. DODGE.

117-118—Cytology. General physiology of organisms. *C* 2 hours, *L* 6 hours. 6 or 10 points. Professor HARPER.

120—Plant reactions. *C* 2 hours. 3 points. Professor MARQUETTE.

121-122—Morphology and cytology of Bryophytes and Pteridophytes. 6 or 10 points. Professor HARPER.

201-202—Research in physiology. 8 or 16 hours. Professors RICHARDS, CURTIS, and MARQUETTE.

209-210—Problems in physiology of nutrition—treated from a chemical standpoint. 8 or 16 points. Professors RICHARDS and GIES.

211-212—Plant pathology. 8 or 16 points. Professor HARPER, Dr. MURRILL, Dr. SEAVER, and Dr. DODGE.

217-218—Embryology of spermatophyta. With special work during two summers. 8 or 16 points. Professors CURTIS and HAZEN.

219-220—Problems in morphology. Directed by members of the department and Botanical Garden Staff. 8 or 16 points.

227-228—Taxonomy. Directed by members of the Botanical Garden staff. 8 or 16 hours.

235-236—Plant distribution. 8 or 16 points. Professor BRITTON and other members of the staff.

241-242—Research on the physiology of the cell and reproduction. 8 or 16 points. Professor HARPER.

243-244—Plant breeding. 8 or 16 hours. Dr. STOUT.

301-302—Seminar. 2 hours. 2 points. Professor HARPER.

303-304—Seminar. 2 hours. 2 points. Professor MARQUETTE.

51-52—Principles of plant morphology and physiology. *C* 2 hours, *L* 4 hours. 8 points. Professor RICHARDS, Mrs. RICHARDS, and Miss STEWART (Barnard).

53-54—General morphology and development of plants. *C* 2 hours, *L* 4 hours. 8 or 10 points. Professor HAZEN and Miss STEWART (Barnard).

55-56—Morphology and classification of spermatophytes. *C* 1 hour, *L* 4 or 6 hours. 6 or 8 points. Professor HAZEN.

153—Anatomy of vascular plants. *C* 2 hours and a minimum of *L* 6 hours. 5 points. Mrs. RICHARDS (Barnard).

154—Physiology of plants from standpoint of nutrition. *C* 2 hours and a minimum of *L* 6 hours. 3 or 5 points. Professors RICHARDS and Mrs. RICHARDS (Barnard).

156—Physiology of plants from standpoint of growth. *C* 2 hours and a minimum of *L* 6 hours. 3 or 5 points. Professor RICHARDS and Mrs. RICHARDS (Barnard).

158—Structure and development of algae—Advanced course. *C* 1 hour, *L* 8 hours. 4 or 5 points. Professor HAZEN (Barnard).

159—Structure and development of fungi—Advanced course. *C* 1 hour, *L* 8 hours. 4 or 5 points. Professor RICHARDS (Barnard).

160—Embryology and laboratory methods. *L* 8 hours, lectures, and outside reading. 4 points. Professor HAZEN (Barnard).

161-162—Advanced physiology and morphology. Work will be arranged to suit the needs of the students. 8 or 16 points. Professors RICHARDS and HAZEN and Mrs. RICHARDS (Barnard).

Colloquium for the review of current botanical literature bi-weekly.

A botanical conference is held monthly at the library of the New York Botanical Garden, where members of the staff and students either present the results of their own work or review the progress of botanical research and publication elsewhere.

#### SUMMER SESSION

51-51a—The nature of plants. 4 or 2 points. Professor CURTIS and Mr. BARRUS.

53-53a—Edible and poisonous fungi. 4 or 2 points. Dr. LEVINE.

513—Botanical technique. Dr. LEVINE.

5101-5101a—Plant physiology. Professor MARQUETTE and Mr. STEINBERG.

5103-103a—Morphology of the cryptogams; algae and fungi—mosses and ferns in alternate years. Algae and fungi in 1917. Dr. DODGE and assistant.

5104-104a—Seed plants. Dr. DODGE and assistant.

5201-5201a—Special problems in plant physiology. Professor MARQUETTE.

5241-5241a—Research. Professor CURTIS.

#### EXTENSION TEACHING

e1-2—Nature and development of plants. *C* 2 hours, *L* 4 hours. 4 points. Dr. DODGE and Mr. GOLDSMITH.

e1a-2a—General botany. *C* 1 hour, *L* 2 hours. 2 points. Dr. DODGE and Mr. GOLDSMITH.

e3-4—Edible and poisonous fungi. *L* 4 hours. 2 points. Dr. DODGE.

e5-6—2 points. Professor HARPER.

*Equipment.* The Department of Botany occupies the third floor of Schermerhorn Hall, and the laboratories and lecture-rooms are well equipped with apparatus and material for morphological and physiological work.

Similar opportunities are offered to women in the laboratories at Barnard College.

Special laboratories are devoted to work in general and cellular physiology and are provided with micro-photographic equipment and a Zeiss ultraviolet microscope. All necessary apparatus and reagents are available for general histological and cytological work. Provision is also made for work on the metabolism of cells and their reactions to physical stimuli. The equipment includes apparatus for the study of the effects of various thermal, light, and gravitational stimuli on protoplasmic activities, a photometer and electrical measuring instruments such as a delicate d'Arsonval galvanometer, millimeters, resistance measuring instruments, etc., for the study of electro-physiological problems.

A greenhouse connected with a small laboratory and dark-room and equipped with a considerable amount of physiological apparatus affords facilities for experimental work in physiology and pathology and provides living material under the most favorable conditions for all instructional courses. A culture-room with modern equipment for growing the fungi and algae in pure cultures is also available.

Under agreement with the University the Botanical Garden supplies all needed facilities for research for members of the staff and for properly accredited students. This combination of forces not only places the Department of Botany within reach of material, equipment, and collections not otherwise available, but opens up facilities for research work under conditions that are not excelled.

The Museum of the New York Botanical Garden is located in Bronx Park, and its entire upper floor is devoted to research. The physiological and morphological laboratories occupy the western end, and the taxonomic laboratories and herbarium the eastern end. Among the special features provided are to be mentioned the dark rooms, photographic, operating, and balance-room, and laboratory for physiological chemistry. Ample opportunity for experimental work in plant breeding and in plant pathology is afforded by the open-air plantations and extensive horticultural houses.

The Columbia herbarium and the equally extensive collections of the New York Botanical Garden are housed in the large room in the east wing of the Botanical Museum. The cryptogamic collections are arranged in special rooms. The entire aggregation of collections available for students is exceptionally full in every group of plants.

## CHEMICAL ENGINEERING

*See introductory paragraphs, page 72*

*Professor:* L. H. BAEKELAND.

*Associate Professor:* D. D. JACKSON (*Executive Officer*).

*Associate:* R. H. MCKEE.

*Assistant Professor:* S. A. TUCKER.

*Instructor:* A. M. BUSWELL.

*Assistants:* R. W. MUMFORD, H. J. MASSON.

*Lecturers:* S. C. MASTICK, C. E. DAVIS.

161—Engineering and fuel chemistry. L 2 afternoons. Professor JACKSON and Dr. DAVIS.

162—Engineering and fuel chemistry. L 2 afternoons. Professor JACKSON and Dr. DAVIS.

180—Industrial chemistry, general. 3 hours. Professor JACKSON.

182—Industrial inorganic chemistry. 3 hours. Professor JACKSON.

188—Industrial chemistry, laboratory practice. L 3 afternoons. Dr. MCKEE and assistant.

186—Industrial organic chemistry. 2 hours. Dr. MCKEE.

187—Applied colloid chemistry. 2 hours. Professor JACKSON.

189—Dye intermediates laboratory. 1 afternoon. Dr. MCKEE.

149—Chemical factory machinery. 1 hour. Dr. MCKEE.

198—Chemical factory management. 2 hours. Dr. MCKEE.

205—Factory equipment and design. C 1 hour, L 1 afternoon. Dr. MCKEE.

203—Industrial conferences. 2 hours. Professors JACKSON, MCKEE, and TUCKER.

296—Industrial conferences. 2 hours. Professors JACKSON, MCKEE, and TUCKER.

297-298—Industrial chemistry research, L 5 afternoons. Professors JACKSON and MCKEE.

191—Intermediates and explosives. 3 hours. Dr. MCKEE.

## SUMMER SESSION

580—Factory inspection. Professor JACKSON and Dr. MCKEE.

5161—Engineering and fuel chemistry. L 4 afternoons. Professor JACKSON and Dr. DAVIS.

5182—Industrial chemistry, general. 5 hours. Professor JACKSON.

5188—Chemical engineering, laboratory. 5 weeks, 8:30 a. m. to 4:30 p. m. Dr. MCKEE and assistant.

5170—Organic chemistry in the industries. L, 5 hours. Dr. MCKEE.

5297—Chemical engineering research. During the summer. Professor JACKSON and Dr. MCKEE.

## APPLIED ELECTROCHEMISTRY

171—Practical electrochemistry. 10 hours. Professor TUCKER and assistant.

183—Industrial electrochemistry. C 2 hours, L 1 afternoon. Professor TUCKER and assistant.

288—Electrochemistry, research. L 5 afternoons, Professor TUCKER and assistant.

*Equipment.* In Havemeyer Hall the Chemical Engineering Department is provided with space for its museum, lecture-rooms, and laboratories, and every convenience has been furnished for both the instructors and students working in the general or special courses.

The Chandler Museum of General Inorganic and Organic Chemistry and of the Chemical Arts, a large room occupying the whole left wing of the ground floor, contains the elements and all their more important compounds, inorganic and organic; materials and products illustrating the chemical arts and numerous models, pictures, and diagrams.

The Laboratory of Chemical Engineering for the instruction of students in practical application and the solution of problems in connection with the chemical industries, is equipped for the manufacture of pure chemicals from their raw materials on a large scale, with batteries of steam evaporators, and with stills, centrifugals, filter presses, crushers, vacuum dryers, multiple effect evaporators, and general apparatus for industrial research.

The Laboratory for Applied Electrochemistry is equipped with special motor-dynamos, one of which furnishes direct current at low voltages to the students' desks for general electrolytic work; the other provides heavy alternating current to the electric furnace-room; this room is furnished with all appliances for electric furnace work. The students' desks are fitted with special switchboards and measuring instruments, and the laboratory has been arranged for carrying on research work in all branches of electrochemistry.

The Furnace-Room includes standard types of pot furnaces, muffle furnaces, oven furnaces, and a rotary furnace equipped with an automatic heat control device. This apparatus taken in conjunction with the electric furnaces covers a wide range of heating operations.

A new laboratory for Engineering and Fuel Chemistry has recently been installed. The equipment includes standard types of apparatus for industrial water analysis and treatment, solid, liquid, and gaseous fuel analysis, petroleum distillation, examination and testing of lubricants, coal grinding and sampling gas and fuel calorimeters, etc.

The Chemical Library in Havemeyer Hall is supplied with an extensive collection of chemical and chemical engineering books and journals, and is open from 9 a. m. to 5 p. m., and during the session of the University from 8 to 11 p. m.

The following lectures were also given for the benefit of the students in Chemical Engineering: 'Electrochemistry', C. P. Townsend; 'Paranitranilin', Frederick Pope;

'Dye Intermediates', J. Merritt Matthews; 'Pressure Filtration', E. J. Sweetland; 'Evaporation and Drying', Henry E. Jacoby; 'Reverse Filtration', Henry B. Faber; 'Centrifugals and their Use in Chemical Plants', F. A. Tolhurst; 'Electrolytic Cells in the Chemical Industry', H. I. Allen.

## CHEMISTRY

*See introductory paragraphs, page 72*

*Professors:* M. T. BOGERT, J. L. R. MORGAN, H. C. SHERMAN and ALEXANDER SMITH (*Executive Officer*).

*Associate Professors:* H. T. BEANS, T. B. FREAS, J. KENDALL, J. M. NELSON, and M. REIMER.

*Assistant Professors:* C. D. CARPENTER, E. KELLER, A. C. NEISH, and J. C. ZANETTI.

*Instructors:* Drs. F. BARRY, H. A. FALES, H. L. FISHER, A. W. THOMAS, Messrs. P. C. HAESELER, and S. J. KIEHL.

*Assistants:* J. C. ANDREWS, J. K. MARCUS, M. E. BALDWIN, F. S. GRANGER, N. E. JOHANN, M. L. WASHBURN, C. M. HOKE, and GEORGE BARSKY.

Courses given in Havemeyer Hall, numbered between 100 and 200, may be closed to women at the discretion of the instructor.

## INORGANIC CHEMISTRY AND QUANTITATIVE ANALYSIS

A1—General elementary chemistry. C 3 hours, L 2 hours. 4 points. Professor NEISH and assistants.

A2—General elementary chemistry. C 3 hours, L 2 hours. 4 points. Mr. HAESELER and assistants.

3-4—General inorganic chemistry. C 3 hours, L 6 hours. 10 points. Professor SMITH, Dr. BARRY, Mr. HAESELER, and assistants.

6-7—General inorganic chemistry. C 3 hours, L 6 hours. 10 points. Professor NEISH, Dr. BARRY, Mr. HAESELER, and assistants.

11-12—Qualitative analysis. C 2 hours, L 6 hours. 9 points. Mr. HAESELER and Mr. ANDREWS.

14-15—Qualitative analysis. C 2 hours, L 6 hours. 9 points. Mr. HAESELER and Mr. ANDREWS.

H1-H2—Honors Conference. 1 hour. Dr. BARRY.

H3-H4—Honors Conference. 1 hour. Professor NELSON.

101-102—Advanced inorganic chemistry. C 2 hours. 2 half courses. Professor SMITH.

103-104—Experimental inorganic chemistry. C 1 hour, L 6 hours. 2 full courses. Professor CARPENTER.

203—Laboratory administration. C 1 hour, L 6 hours. 1 full course. Professor FREAS.

205—Theories of solutions. C 2 hours. 1 half course. Professor KENDALL.

207-208—Inorganic chemistry, special topics. C 2 hours. 2 half courses. Professor FREAS.

209-210—The history of chemistry. C 2 hours. 2 half courses. Dr. BARRY.

112—Chemistry of colloids. C 2 hours, L 4 hours. 1 full course. Dr. THOMAS.

215-216—Seminar in inorganic and analytical chemistry. C 2 hours. 2 half courses. Professors BEANS, KENDALL, NEISH, and ZANETTI.

217-218—Inorganic chemistry, research. L 20 hours. 2 double courses. Professors SMITH, FREAS, ZANETTI, and KENDALL.

## PHYSICAL CHEMISTRY

121-122—Physical chemistry, general course. *C* 3 hours, *L* 3 hours. Professor MORGAN and assistant.

123-124—Experimental physical chemistry. *C* 1 hour, *L* 6 hours. Professor KENDALL.

126—Experimental physical chemistry. *C* 1 hour, *L* 6 hours. Professor KENDALL.

225-226—Seminar in physical chemistry. *C* 2 hours. Professor MORGAN.

227-228—Physical chemistry, research. *L* 20 hours. Professor MORGAN.

## ORGANIC CHEMISTRY

41-42—Organic chemistry, elementary course. *C* 3 hours, *L* 6 hours. 12 points. Professor NELSON and Dr. FISHER.

46—Elementary organic chemistry. *C* 3 hours, *L* 6 hours. 6 points. Dr. FISHER and assistant.

141-142—Organic chemistry. *C* 3 hours. Dr. FISHER.

149 or 150—Organic chemistry, advanced laboratory, analytic *C* 1 hour, *L* 6 hours. 4 points. Dr. FISHER.

151 or 152—Advanced organic chemistry synthetic. *C* 1 hour, *L* 6 hours. 4 points. Professor NELSON.

153-154—General organic chemistry. *C* 2 hours. 153, 2 points; 154, 3 points. Professor NELSON.

255-256—Seminar in organic chemistry. *C* 2 hours. 6 points. Professors BOGERT and NELSON.

257-258—Organic chemistry, research. *L* 20 hours. 12 points. Professors BOGERT and NELSON.

## ANALYTICAL CHEMISTRY

63—Quantitative analysis. *C* 2 hours, *L* 9 hours. 6 points. Professor BEANS and Dr. FALES.

64—Quantitative analysis, inorganic. *C* 1 hour, *L* 3 hours. 2 points. Professor BEANS and Dr. FALES.

66—Quantitative analysis, inorganic. *C* 1 hour, *L* 6 hours. 4 points. Dr. FALES.

161-162—Theory of inorganic chemical analysis. *C* 2 hours. 161, 2 points; 162, 3 points. Dr. FALES.

163 or 164—Quantitative analysis, inorganic, advanced course. *L* 12 hours and conferences. 4 points. Dr. FALES.

267-268—Quantitative analysis, research. *L* 5 afternoons. 12 points. Professor BEANS.

## FOOD CHEMISTRY, ORGANIC, AND SANITARY ANALYSIS

173—Chemistry of Food and Sanitation. *C* 2 hours. 3 points. Professor SHERMAN and assistant.

175—Chemistry of food and nutrition. *C* 2 hours. 3 points. Professor SHERMAN and assistant.

176—Food analysis. *C* 1 hour, *L* 6 hours. 4 points. Professor SHERMAN and assistant.

177—Organic analysis. *C* 1 hour, *L* 6 hours. 4 points. Professor SHERMAN and assistant.

275-276—Seminar in food chemistry. *C* 2 hours. 6 points. Professor SHERMAN.

277-278—Food chemistry, research. *L* 12 hours. 12 points. Professor SHERMAN.

## SANITARY CHEMISTRY

- 73—Quantitative analysis of water and sewage. *C* 1 hour, *L* 6 hours. 4 points. Dr. BUSWELL.
- 76—Microscopical analysis, laboratory, and conference. 2 hours a week during February and March. Dr. BUSWELL.
- 77—Sanitary biological analysis. *C* 2 hours, *L* 3 hours. Dr. BUSWELL.
- 78—Sanitary bacteriology. *C* 2 hours, *L* 6 hours. 5 points. Dr. BUSWELL.
- 179—Analysis of water and sewage. *C* 1 hour, *L* 6 hours. 4 points. Dr. BUSWELL.
- 180—Sanitary analysis. *C* 1 hour, *L* 6 hours. 4 points. Dr. BUSWELL.

## COURSES AT BARNARD

- 5-6—General inorganic chemistry. *C* 2½ hours, *L* 2½ hours. 7 points. Professor REIMER, Miss KELLER, Miss TURCK and Miss TILT (Barnard College).
- 41-42—Organic chemistry, elementary course. 3 hours. 6 points. Professor REIMER (Barnard College).
- 43-44—Organic chemistry, elementary course. *L* 6 hours. 6 points. Professor REIMER (Barnard College).
- 63—Qualitative analysis. *C* 3 hours, *L* 8 hours. 7 points. Miss KELLER (Barnard College).
- 64—Quantitative analysis. *C* 3 hours, *L* 8 hours. 7 points. Miss KELLER (Barnard College).
- [105-106—Inorganic chemistry, advanced course. *C* 3 hours, *L* 6 hours. 12 points. Miss KELLER (Barnard College).]
- 145-146—Organic chemistry, advanced course. *C* 3 hours, *L* 6 hours. 12 points. Professor REIMER (Barnard College).
- 235-236—Physical chemistry. *C* 3 hours. Professor MALTBY (Barnard College).

## SUMMER SESSION

- sA-sAa-sAb-sAc—Elementary general chemistry. *C* 5 hours, *L* 6 hours. 4, 2 or 1 point. Professor NEISH and assistants.
- s3-s3a-s3c—Inorganic chemistry I. *C* 7 hours, *L* 15 hours. 5, 2, or 3 points. Mr. HAESELER and assistant.
- s4-s4a-s4c—Inorganic chemistry II. *C* 7 hours, *L* 15 hours. 5, 2, or 3 points. Professor BYERS and assistant.
- s11-s11a-s11c—Qualitative analysis. *C* 5 hours, *L* 15 hours. 5, 2, or 3 points. Dr. BOOGE and assistant.
- s12-s12a-s12c—Qualitative analysis. *C* 5 hours, *L* 15 hours. 5, 2, or 3 points. Dr. BOOGE and assistant.
- s107—Organization and management of the chemical laboratory. *C* 2 hours. Professor FREAS.
- s111—Modern theory of analytical chemistry. Professor BEANS.
- s112—Chemistry of colloids. *C* 5 hours. Dr. THOMAS.
- s201—The phase rule. Professor KENDALL.
- s207—Inorganic chemistry, conferences. *C* 5 hours. Professor FREAS.
- s217—Inorganic chemistry, research. Professor KENDALL.
- s123—Experimental physical chemistry. *C* 3 hours, *L* 12 hours. Professor KENDALL.
- s138—Elementary physical chemistry. *C* 5 hours. Professor MORGAN.
- s227—Physical chemistry research. Professor MORGAN.

*s41*—Elementary organic chemistry I. C 7½ hours, L 15 hours. 5 points. Dr. FISHER and Mr. EHRLICH.

*s42*—Elementary organic chemistry II. C 7½ hours, L 15 hours. 15 points. Dr. FISHER and Mr. EHRLICH.

*s151a-152b*—Organic chemistry, advanced course. L 15 hours. Dr. FISHER and Dr. SCATCHARD.

*s153*—General organic chemistry. C 5 hours. Professor NELSON.

*s257*—Organic chemistry, research. Professor NELSON.

*s63-64*—Quantitative analysis. C 7 hours, L 30 hours. 8 points. Professor BEANS, Dr. FALES, and assistants.

*s66*—Quantitative analysis. C 5 hours, L 30 hours. Professor BEANS and assistants.

*s263*—Quantitative analysis, advanced. L 30 hours. Professor BEANS, Dr. FALES, and assistants.

*s267*—Quantitative analysis, research. Professor BEANS.

*s175*—Food analysis. L 20 hours. Professor SHERMAN and Dr. THOMAS.

*s176*—Chemistry of food and nutrition. C 8 hours. Professor SHERMAN and Dr. THOMAS.

*s275-s276*—Seminar in food chemistry. 20 hours. Professor SHERMAN.

*s277*—Research in food chemistry. Professor SHERMAN and Dr. THOMAS.

#### EXTENSION TEACHING

*eA1*—General chemistry, elementary course. C 2 hours, L 2 hours. 4 points. Professor NEISH and assistants.

*eA2*—General chemistry, elementary course. C 2 hours, L 2 hours. 6 points. Mr. HAESELER and assistants.

*e3-e4*—General inorganic chemistry. C 3 hours, L 6 hours. 5 points. Mr. HAESELER and assistants.

*e6*—General inorganic chemistry. C 3 hours, L 6 hours. 5 points. Professor NEISH and assistants.

*e7*—General inorganic chemistry. C 2 hours, L 6 hours. 5 points. Mr. HAESELER and assistant.

*e14-15*—Qualitative analysis. C 2 hours, L 6 hours. 5 points, first half; 4 points, second half. Dr. BOOGE.

*e41-42*—Organic chemistry, introductory course. C 3 hours, L 6 hours. 6 points. Dr. FISHER and assistant.

*e72*—Quantitative analysis, inorganic. C 2 hours, L 6 hours. 5 points. Mr. STILLMAN.

*e76*—Elementary microscopy. Seven 3-hour laboratory periods. 1 point. Dr. BUSWELL.

*e78*—Sanitary bacteriological analysis. C 2 hours, L 6 hours. 5 points. Dr. BUSWELL.

*e79*—Sanitary biological and chemical analysis. C 2 hours, L 3 hours. 3 points. Dr. BUSWELL.

*e179*—Sanitary chemical analysis. Graduate section of *e79*. Dr. BUSWELL.

*e180*—Sanitary analysis. Dr. BUSWELL.

*Equipment.* For courses in Chemistry given at Teachers College and for courses in Chemistry and Physiological Chemistry given at the College of Physicians and Surgeons, and at the College of Pharmacy, see the Table of Contents and the special *Announcements* of these Schools.



In Havemeyer Hall the Chemical Department is provided with ample space for its museum, lecture-rooms, and laboratories.

There are five chemical lecture-rooms, all fully supplied with apparatus and instruments, the desks being equipped with pneumatic troughs, gas, pressure, exhaust, and electricity. The large chemical lecture-room on the ground floor contains 248 seats.

The Museum of General Inorganic and Organic Chemistry and of the Chemical Arts, a large room occupying the whole left wing of the ground floor, contains the elements and all their more important compounds, inorganic and organic; materials and products illustrating the chemical arts, and numerous models, pictures, and diagrams.

The new William H. Nichols Laboratories for General Inorganic Chemistry and Qualitative Analysis, together with the rooms for instructors and for research, occupy the whole of one floor of Havemeyer Hall. They are fitted up in the most modern and complete way, with all the conveniences required for instruction and investigation.

The Quantitative Laboratory has eighty-eight desks. Attached to the main laboratory is a large, well-equipped balance-room, containing accurate balances, and special rooms, provided with apparatus for gas, water, food, and electrolytic analysis.

The Organic Laboratory has forty large desks, provided with gas, water, exhaust, and electricity, and has special rooms for balances, pressure ovens, glass-blowing, and combustions.

The laboratory of Physical Chemistry is well equipped with the most recent apparatus adapted to a wide range of experimental work in the branches of heat, light, electricity, etc., as applied to chemical problems.

The Chemical Library in Havemeyer Hall is supplied with an extensive collection of chemical books and journals, and is open from 9 a. m. to 5 p. m.

The Department of Chemistry at Barnard College has laboratories well equipped with every facility for the proper study of the subjects offered. The desks have water, gas, and electricity. There is a small library of useful reference books in chemistry to which the students have free access during the entire day.

The chemical laboratories and lecture rooms of Teachers College are fully equipped for instruction in General, Organic, and Household, and Physiological Chemistry for students in Household Arts; and also for exercises relating to the teaching of Chemistry, for students preparing to teach physical science in secondary or normal schools.

## CIVIL ENGINEERING

*See introductory paragraphs, page 72*

*Professor:* E. B. LOVELL.

*Associate Professor:* J. K. FINCH.

*Associate:* ALBIN H. BEYER.

*Instructor:* J. S. MACGREGOR.

*Assistant:* W. J. KREFELD.

2—Theory of plane surveying. 2 hours. Professor FINCH.

2s—Theory of plane surveying. 2½ weeks' lecture and field work. 3 points. Professor FINCH and assistants.

15s—Land surveying. 5 weeks' field work. Professor FINCH and assistants.

25s—Topographic and city surveys. 5 weeks' field and office work. Professor FINCH and assistants.

26s—Hydrographic surveying. 2 weeks' field and office work. Professor FINCH and assistants.

26as—Limnology. 3 weeks' field and laboratory work. Professor FINCH and assistants.

275—Topographic and mine claim surveys. 5 weeks' field and office work. Professor FINCH and assistants.

285—Railroad surveying. 3 weeks' field and office work. Professor FINCH and assistants.

295—Railroad surveying. 4 weeks' field and office work. Professor FINCH and assistants.

121—Highway engineering. 2 hours. Professor LOVELL.

122—Maps and road plans. 2 afternoons. Professors LOVELL and FINCH.

149—Theory of railroad surveying. 3 hours. Professor LOVELL.

150—Theory of railroad surveying. 1 afternoon. Professor LOVELL.

151-152—Theory of railroad surveying. 3 hours and 1 afternoon. Professor LOVELL.

153—Elasticity and resistance of the materials of engineering. C 5 hours, L 2 afternoons. Mr. BEYER and Mr. KREFELD.

155—Elasticity and resistance of the materials of engineering. C 3 hours, L 1 afternoon. Mr. BEYER and Mr. KREFELD.

158—Masonry structures. C 3 hours, L 1 afternoon. Professor LOVELL.

160—Sanitary treatment of water supply and sewage. C 2 hours, L 2 afternoons in February in the Bacteriological Laboratory. Professor JACKSON and Mr. BEYER.

161-162—Theory of trusses, analytical and graphical. 2 hours and 1 afternoon throughout the year. Professor FINCH.

164—Graphic statics. C 1 hour, L 1 afternoon. Professor FINCH.

175—Hydraulics. 3 hours. Professor FINCH.

177—Hydraulics. 2 hours. Professor FINCH.

183—The design and construction of bridges, roofs, and buildings. C 2 hours, L 1 afternoon, first half only. Mr. BEYER.

185—Foundations. 2 hours, and conferences. Professor LOVELL.

187-188—The design and construction of bridges, roofs, and buildings. C 2 hours, L 2 afternoons first half, C 2 hours second half, and conferences. Mr. BEYER.

189-190—Railroad engineering. 5 hours and 1 afternoon for conferences and design work. Professor LOVELL.

191—Reinforced concrete construction. 1 hour. Professor FINCH.

193—Sanitary statistics and reports and field problems in sanitation. 2 hours.

194—The design and construction of sewers and river and harbor improvements. 2 hours. Mr. BEYER.

195—Sanitary design. 2 afternoons.

196—Principles of sanitary science and public health. 2 hours.

197—Water supply, water power, and irrigation. 3 hours. Professor FINCH.

199-200—Graduation thesis. A project or thesis on some civil engineering subject, approved by the department, is required of every candidate for the degree of Civil Engineer.

#### ADVANCED COURSES

The advanced courses in the department of Civil Engineering qualifying for the University degrees of Master of Arts and Doctor of Philosophy (those courses which fulfill the residence requirements) are the following:

253-254—Elasticity and resistance of materials.

257-258—Elastic and masonry arches.

275-276—Hydraulics (Civil Engineering 175 with additional reading).

285-286—Foundations (Civil Engineering 185 with additional reading).

287-288—Long span bridges.

291-292—Railroad location.

259-260—Sanitary engineering.

277-278—Hydraulic engineering.

289-290—The engineering of structures.

293-294—Railroad engineering.

The following course in Highway Engineering which, together with special courses in Geology and Chemistry, leads to the degree of M.S., in Highway Engineering.

221-222—Highway Engineering.

#### EXTENSION TEACHING

e1-2—The theory of plane surveying. 2 points. Mr. KREFELD.

e2a—Field problems in plane surveying. Mr. KREFELD.

eY1-Y2—Plain and reinforced concrete construction. Professor FINCH.

e3-e4—Masonry and foundations. Professor FINCH.

*Summer Surveying.* These courses are conducted during each summer vacation at Camp Columbia, near Litchfield, Conn., where ample facilities are provided for all requisite operations, and where the topography is admirably adapted to the practical work of surveying. The courses there given are those announced above under the numbers 2s, 15s, 25s, 26s, 26as, 27s, 28s, 29s, and Astronomy 107s. For details consult separately printed pamphlets which may be had upon application to the Secretary.

*Equipment.* The department possesses an unusually full equipment of engineers' and solar transits, levels, plane tables, compasses, and all accessories, as well as similar instruments. Current meters and floats of various types are also used in making observations in the flow in and discharge of streams. A complete set of sections of iron and steel shapes, models, and photographs of engineering works, together with working plans of the latter, are in the department for the use of students. The hydraulic laboratory affords opportunity for the practical operations of measuring the discharge through orifices, the flow over weirs and through open channels and pipes, frictional and other resistances in pipes and open channels, as well as for meter gaugings, and for general hydraulic investigations. The testing work in the testing laboratory includes the complete tests of various structural materials in tension, compression, bending and torsion, including the observation and digesting of all corresponding data.

#### CLASSICAL PHILOLOGY

*See introductory paragraphs, page 72*

*Professors:* J. C. EGBERT, C. KNAPP, G. LODGE, N. G. MCCREA, F. G. MOORE, E. D. PERRY, J. R. WHEELER, and C. H. YOUNG (*Executive Officer*).

*Associate Professor:* L. R. VAN HOOK.

*Assistant Professors:* J. R. CRAWFORD, R. GUERNSEY, G. M. HIRST, D. P. LOCKWOOD, K. C. REILEY, E. H. STURTEVANT.

*Associate:* T. L. SHEAR.

*Instructors:* W. S. MESSER, G. H. GOODALE.

#### COLUMBIA COLLEGE

##### GREEK

1-2—Elementary course. 3 hours. 6 points. Professor YOUNG.

3—Homer, *Iliad*. 3 hours. 3 points. Professor WHEELER.

5—Homer. Lucian. 3 hours. 3 points. Professor YOUNG.

6—Lucian. Plato. 3 hours. 3 points. Professor GUERNSEY.

- 9-10—Prose composition. First course. 1 hour. 2 points. Professor YOUNG.  
 11—Euripides. Sophocles. 3 hours. 3 points. Professor GUERNSEY.  
 12—Attic orators. 3 hours. 3 points. Professor WHEELER.  
 13—Homer. 2 hours. 2 points. Professor LOCKWOOD.  
 14—Herodotus. 2 hours. 2 points. Professor PERRY.  
 29-30—Prose composition. Second course. One session weekly. 4 points. Professor PERRY.  
 31—Thucydides. 3 hours. 3 points. Professor YOUNG.  
 32—Æschylus. Aristophanes. 3 hours. 3 points. Professor PERRY.  
 39-40—Prose composition. Third course. One session weekly. 4 points. Professor GUERNSEY.  
 H1-H2—Honors conference, for second-year students. 4 points. Professor GUERNSEY.

## LATIN

- 1-2—Elementary course. 5 hours. 10 points. Professor GUERNSEY.  
 3-4—Cicero. Vergil. 3 hours. 6 points. Professor LOCKWOOD.  
 5—Livy, selections. Catullus. Horace. 3 hours. 3 points. Professors GUERNSEY and MOORE.  
 6—Horace, *Odes*. Terence. 3 hours. 3 points. Professors GUERNSEY and MOORE.  
 7-8—Selections from Latin literature. 3 hours. 6 points. Professor MCCREA.  
 9-10—Prose composition. First course. 1 hour. 2 points. Professor STURTEVANT.  
 11—Cicero, *Letters*. Pliny, *Letters*. 3 hours. 3 points. Professor STURTEVANT.  
 12—Juvenal. Martial. 3 hours. 3 points. Professor MCCREA.  
 15—Ovid, selections. 2 hours. 2 points. Professor LOCKWOOD.  
 16—Tacitus, selections. 2 hours. 2 points. Professor LOCKWOOD.  
 29-30—Prose composition. Second course. 1 hour. 2 points. Professor MOORE.  
 31. Roman philosophy. 3 hours. 3 points. Professor MCCREA.  
 32—Roman drama. 3 hours. 3 points. Professor STURTEVANT.  
 39-40—Prose composition. Third course. One session weekly. 4 points. Professor LOCKWOOD.  
 H1-H2—Honors conference, for second-year students. 4 points. Professor MOORE.

## CLASSICAL CIVILIZATION

- 53—Greek life and thought. 2 hours. 2 points. Professor VAN HOOK.  
 54—Greek art. 2 hours. 2 points. Professor YOUNG.

## BARNARD COLLEGE

## GREEK

- 1-2—Elementary course. Grammar. Composition. Xenophon. Homer. 5 hours. 8 points. Professor HIRST.  
 3—Homer, *Iliad*. 3 hours. 3 points. Miss GOODALE.  
 5—Homer. Lucian. 3 hours. 3 points. Professor VAN HOOK.  
 6—Plato, selections. 3 hours. 3 points. Professor HIRST.  
 9-10—Prose composition. First course. 1 hour. 2 points. Dr. MESSER.  
 11—Euripides. Sophocles. 3 hours. 3 points. Professor PERRY.  
 13—Tragic drama. 2 hours. 2 points. Professor VAN HOOK.  
 14—Attic orators. 2 hours. 2 points. Dr. MESSER.  
 39-40—Prose composition. Third course. One session weekly. 4 points. Professor VAN HOOK.

LATIN

A1—Livy, selections. Catullus. 3 hours. 3 points. Professors KNAPP, HIRST, Dr. MESSER, and Miss GOODALE.

A2—Horace, *Odes* and *Epodes*. 3 hours. 3 points. Professors KNAPP, VAN HOOK, HIRST, and Miss GOODALE.

A3-A4—Selections from Latin literature. 3 hours. 6 points. Dr. MESSER.

A6—Livy, selections. Catullus. 3 hours. 3 points. Miss GOODALE.

A7—Horace, *Odes* and *Epodes*. 3 hours. 3 points. Professor KNAPP.

9-10—Prose composition. First course. 1 hour. 2 points. Miss GOODALE.

11—Horace, *Satire* and *Epistles*. 3 hours. 3 points. Dr. MESSER.

12—Juvenal. Martial. Pliny, *Letters*. 3 hours. 3 points. Miss GOODALE.

15—Tacitus, *Histories*. 2 hours. 2 points. Professor HIRST.

16—Seneca, *Letters*. 2 hours. 2 points. Dr. MESSER.

29-30—Prose composition. Second course. 1 hour. 2 points. Professor HIRST.

31—Roman drama; selected plays of Plautus and Terence. 3 hours. 3 points. Professor KNAPP.

32—Lucretius. 3 hours. 3 points. Dr. MESSER.

39-40—Prose composition. Third course. One session weekly. 4 points. Dr. MESSER.

41-42—Latin literature. 3 hours. 6 points. Professor KNAPP.

CLASSICAL CIVILIZATION

53—Greek life and thought. 2 hours. 2 points. Professor VAN HOOK.

54—Greek art. 2 hours. 2 points. Professor YOUNG.

GRADUATE COURSES

GREEK

225—Greek oratory. The earlier orators. 3 hours. 3 points. Professor PERRY.

226—Greek oratory. Demosthenes and Æschines. 3 hours. 3 points. Professor PERRY.

227—Aristotle, *Poetics*, with illustrative reading of several plays. 3 hours. 3 points. Professor WHEELER.

228—Rapid reading of Greek drama. 3 hours. 3 points. Professor WHEELER.

253—Greek epigraphy. Introductory course. 2 hours. 3 points. Professor PERRY.

254—Greek epigraphy. Second course. 2 hours. 3 points. Professor WHEELER.

280—Greek dialects. 2 hours. 3 points. Professor STURTEVANT.

LATIN

143-144—Law Latin. 2 hours. 6 points. Professor MOORE.

203-204—Latin literature of the Empire. 2 hours. 6 points. Professor MCCREA.

221—Roman drama. 3 hours. 3 points. Professor LOCKWOOD.

222—Roman satire. 3 hours. 3 points. Professor LOCKWOOD.

223—Roman oratory. 3 hours. 3 points. Professor MOORE.

224—Roman philosophy. 3 hours. 3 points. Professor MOORE.

229—Prose composition. Latin idiom. 2 hours. 3 points. Professor MOORE.

230—Prose composition. Latin style. 2 hours. 3 points. Professor MOORE.

251—Roman epigraphy. Introductory course. 2 hours. 3 points. Professor EGBERT.

252—Roman epigraphy. Official and sepulchral inscriptions. 2 hours. 3 points. Professor EGBERT.

## TEACHERS COLLEGE

151-152—Curriculum and methods of teaching. 2 hours. 4 points. Professor LODGE.

211-212—Latin vocabulary and conversation. 2 hours. 4 points. Professor LODGE.

351-352—Practicum in Latin—Cæsar and Vergil. 2 hours. 8 points. Professor LODGE.

521-522—Problems in Latin Syntax. 8 points. Professor LODGE.

## CLASSICAL ARCHÆOLOGY—GREEK

149—Greek archæology. Introductory course. 3 hours. 3 points. Professor WHEELER.

154—Greek archæology. Second course. Part II: Sculpture. 3 hours. 3 points. Professor YOUNG.

257—The acropolis of Athens. 2 hours. 3 points. Professor WHEELER.

## CLASSICAL ARCHÆOLOGY—LATIN

253-254—Roman archæology and epigraphy. 2 hours. 6 points. Professor EGBERT.

255—Roman private life. 2 hours. 3 points. Professor CRAWFORD.

263—Pompeii. 2 hours. 3 points. Professor CRAWFORD.

264—Roman religion. 2 hours. 3 points. Professor CRAWFORD.

278—Early civilization in Italy. 2 hours. 3 points. Professor CRAWFORD.

## COMPARATIVE PHILOLOGY

291-292—Comparative grammar of Greek and Latin. 3 hours. 6 points. Professor STURTEVANT.

## CLASSICAL PROSEMINAR

297-298—Proseminar in Greek and Latin. 2 hours. 6 points. Professor STURTEVANT.

## CLASSICAL SEMINAR

305-306—Latin section. 2 hours. 6 points. Professor MCCREA.

## SUMMER SESSION

## GENERAL LINGUISTICS

5102—Introduction to linguistic science. 3 points. Professor STURTEVANT.

## GREEK

51—Elementary course. 4 points. Professor MACURDY.

52—Xenophon. 2 points. Professor MACURDY.

53—Homer, *Iliad*. 2 points. Professor STURTEVANT.

5128—Euripides. 3 points. Professor HENDRICKSON.

## LATIN

5X1—Elementary course. 4 points. Mr. DEMAREST.

5X2—Cæsar, Gallic War. Sight translation. 2 points. Professor OGLE.

- sX3—Elementary Latin and Cæsar. 2 points. Miss WYE.  
 sY1—Vergil, *Æneid*, Books I–IV. 2 points. Mr. DEMAREST.  
 sY2—Cicero, selected orations. 2 points. Dr. MESSER.  
 sZ—Latin prose composition. 2 points. Dr. MESSER.  
 sA1—Livy. 2 points. Dr. MESSER.  
 sA2—Horace. Catullus. 2 points. Professor STURTEVANT.  
 s9—Latin prose composition. 2 points. Professor OGLE.  
 s107—Vergil, *Æneid*. 3 points. Professor MCCREA.  
 s111—Latin conversation. 3 points. Miss WYE.  
 s119—Latin prose composition. 3 points. Professor MOORE.  
 s121—Terence. 3 points. Professor MCCREA.  
 s122—Petronius. 3 points. Professor LAING.  
 s132—The *Odes* of Horace. 3 points. Professor HENDRICKSON.  
 s133—Pliny's *Letters*. 3 points. Professor MOORE.  
 s155—Roman private life. 3 points. Professor LAING.  
 s180—Roman Gaul. 3 points. Professor CARNOY.

# EXTENSION TEACHING

## GREEK

- e1—Elementary Greek. 3 points. Professor REILEY.  
 e2—Xenophon and sight translation. 3 points. Professor REILEY.  
 e3—Homer. 3 points. Professor REILEY.

## LATIN

- e5—Collegiate Latin. Terence, one play. Horace, *Odes*. 3 points. Professor GUERNSEY.  
 e6—Collegiate Latin. Catullus. Livy, selections. 3 points. Professor GUERNSEY.  
 eX1–X2—Elementary Latin and Cæsar. 6 points. Miss WYE.  
 eX3—Cæsar, Nepos, and prose composition. 3 points. Miss MCCLEES.  
 eX8—Elementary course. 3 points. Miss MCCLEES.  
 eY1—Ovid and Vergil. 3 points. Miss WYE.  
 eY3—Cicero and Sallust. 3 points. Miss WYE.  
 eY4—Cicero and Sallust. 3 points. Miss MCCLEES.  
 eY5—Latin prose composition. 2 points. Miss WYE.  
 eY6—Latin prose composition. Course eY5 repeated. 2 points. Miss WYE.  
 eY8—Ovid and Vergil. Course eY1 repeated. 3 points. Section 1—Miss WYE; Section 2—Professor REILEY.

*Equipment.* The General Library is unusually rich in early and rare editions of the Classics and contains also an excellent selection of recent works on the Latin and Greek languages and literatures and on classical philology in general. The departments of archæology, epigraphy, palæography, Roman history, and Roman law are especially well represented. The library receives all the important serial publications issued abroad and at home, in the fields of philology and archæology. The Avery Library contains a large number of illustrated works on art and archæology as well as on architecture and offers an unusual opportunity for the study of these subjects. Furthermore, in the Drisler and Earle Collections in the departmental reading-room in Philosophy Building, the department possesses a special library of selected works which is at the disposal of graduate students. The department is also fairly well equipped with maps, plans, etc.; owns a large collection of photographs of Greek and Roman monuments, localities, and sculpture; and has a large number of squeezes of

inscriptions. On the Roman side the Olcott Collection includes a valuable collection of ancient coins, some original inscriptions, and a collection of miscellaneous antiquities. Moreover, the students of the University have free access to the collections of the Metropolitan Museum of Art for study and comparison.

## CLINICAL INSTRUCTION

in Dermatology and Syphilology, Laryngology, Ophthalmology, Orthopedic Surgery, and Otolaryngology. For Clinical Instruction in Medicine, Surgery, Urology, Obstetrics, Gynecology, Neurology, Pediatrics, details will be found under the general heading of these departments.

*See introductory paragraphs, page 72*

### DERMATOLOGY AND SYPHILOLOGY

*Professor:* J. A. FORDYCE.

*Instructors:* G. M. MACKEE, F. WISE, and I. ROSEN.

201-202—Dermatology and syphilology. 1 hour. Professor FORDYCE.

204—Practical instruction in the diagnosis and treatment of diseases of the skin and syphilis; instruction in radiotherapy. At the Vanderbilt Clinic; 2 hours; one-sixth of third year. Dr. MACKEE.

205—Histo-pathology of skin diseases and syphilis. At the Vanderbilt Clinic; 3 hours; one-fourth of fourth year. Dr. HEIMAN and Dr. SATENSTEIN.

207—Dermatological therapeutics. At the Vanderbilt Clinic; 3 hours; one-fourth of fourth year. Dr. WISE.

209—Radiotherapy in skin diseases. At the Vanderbilt Clinic; 3 hours; one-fourth of fourth year. Dr. REMER.

211—Clinical diagnosis and treatment of skin diseases. At the Vanderbilt Clinic; 3 hours; one-fourth of fourth year. Dr. MACKEE.

213—Syphilis therapy. At the Vanderbilt Clinic; 3 hours; one-fourth of fourth year. Dr. ROSEN.

*Equipment.* The department of dermatology and syphilology is equipped with laboratories for histo-pathology, X-ray therapy, and serology as well as with a separate department for the treatment of syphilis by intravenous and intramuscular medication.

### LARYNGOLOGY AND OTOTOLOGY

*Professor:* C. G. COAKLEY.

*Professors of Clinical:* ROBERT LEWIS and W. F. CHAPPELL.

*Assistant Professors:* RICHARD FROTHINGHAM and T. L. SAUNDERS.

*Instructors:* A. P. COLL, J. LESHURE, A. MICHAELIS, M. L. CARR, E. L. PRATT, R. T. ATKINS, JOHN D. KERNAN, JR., J. W. BABCOCK, and CHARLES OSGOOD.

*Instructors in Clinical:* G. H. COCKS, H. B. BLACKWELL, H. HAYS, J. M. HALL, WILLIAM FERGUSON, E. W. KOBLER, and J. F. BOWMAN.

201-202—Clinical lecture on laryngology and otology. 1 hour. Vanderbilt Clinic. Professors COAKLEY, LEWIS, FROTHINGHAM, and SAUNDERS.

203-204—Practical instruction in laryngology and otology. 2 hours; one-third of third year. Vanderbilt Clinic. Professor FROTHINGHAM, Drs. COLL, LESHURE, MICHAELIS, and CARR.



## OPHTHALMOLOGY

*Professor:* ARNOLD KNAPP.

*Professor of Clinical:* R. DENIG.

*Instructors:* J. W. WHITE, J. B. LYNCH, M. J. SCHOENBERG, and OSCAR DIEM.

201—Practical instruction in ophthalmology. 2 hours; one-sixth of third year. Vanderbilt Clinic. Drs. WHITE, LYNCH, SCHOENBERG, and DIEM.

202—Clinical lectures upon the diseases of the eye. 1 hour. Vanderbilt Clinic. Professor KNAPP.

205-206—Hospital clinics in ophthalmology. Herman Knapp Memorial Eye Hospital. Professor KNAPP.

## ORTHOPEDIC SURGERY

*Professor:* R. A. HIBBS.

*Assistant Professor:* R. WHITMAN.

*Assistant Professor of Clinical:* G. R. ELLIOTT.

*Instructor:* B. C. DARLING.

*Associate:* B. P. FARRELL.

202—Clinical lectures on orthopedic surgery and diseases of the joints. 20 lectures, third year. Professor HIBBS.

203-204—Practical instruction in orthopedic surgery. At the New York Orthopedic Dispensary and Hospital and Country Branch. 4 hours; one-eighth of fourth year. Dr. FARRELL.

208—Joint anatomy and physiology. 2 hours. 5 weeks. Third year.

## UROLOGY

*Professor:* J. BENTLEY SQUIER.

*Assistant Professor:* JOSEPH F. MCCARTHY.

*Instructor and Chief of Clinic:* CLARENCE G. BANDLER.

*Instructors in Clinical Urology:* ROLFE KINGSLEY, G. F. CAHILL, C. L. BEGG, A. A. WREN, J. A. HYAMS, M. STERN, and S. R. WOODRUFF.

201—Practical instruction in the diagnosis and treatment of genito-urinary and venereal diseases. 2 hours; one-sixth of third year. Vanderbilt Clinic. Drs. MCCARTHY, BANDLER, and KINGSLEY.

202—Genito-urinary diseases. At the Vanderbilt Clinic; clinical and didactic lectures. 1 hour. Professor SQUIER.

203-204—Operative and bedside clinics in genito-urinary diseases, Presbyterian Hospital. Professor SQUIER.

206—Practical instruction in the diagnosis and treatment of genito-urinary and venereal diseases including cystoscopy-urethroscopy. 2 hours. Vanderbilt Clinic. Drs. MCCARTHY and BANDLER.

*Equipment.* At the Vanderbilt Clinic a new, modern operating room has been fitted up providing greatly increased facilities for cystoscopy, endoscopy, fulguration in vesical neoplasms and the carrying out of the other operative procedures permissible in an out-patient clinic. The general treatment room has been almost entirely re-equipped with modern appliances and corresponding improvement in lighting, cleanliness, and efficiency. Facilities have been provided for carrying out the simpler routine laboratory tests, chemical and bacteriological. In the instruction room a stereomograph and reflectoscope have been installed, and the collections of anatomical and pathological specimens, photographs, etc., rearranged and enlarged.

## DISEASES OF CHILDREN

*See introductory paragraphs, page 72*

*Professor:* L. E. HOLT (*Executive Officer*).

*Associates:* F. H. BARTLETT, H. W. BERG, R. S. HAYNES, L. E. LAFETRA, and C. H. SMITH.

*Instructors:* A. L. GOODMAN, G. R. MANNING, H. H. MASON, N. R. NORTON, J. F. SAMMIS, H. B. WILCOX, O. M. SCHLOSS, D. WEST, and D. S. BYARD.

*Assistants:* B. W. HAMILTON, J. S. LEOPOLD, S. MCLEAN, M. S. REUBEN, L. M. SILVER, D. D. STOWELL, L. C. SCHROEDER, R. E. STETSON, J. ZUCKERMAN, G. PREVI-TALI, M. KEMP, H. L. DOWD, W. R. MAY, W. J. MERSERAU, and A. M. STEVENS.

*Clinical Assistants:* G. A. SCHNEPEL, I. MILLER, MORRIS FRIEDSON, L. L. FULKER-SON, J. WASHTON, L. D. MINSK.

201—Recitations in diseases of children. 1 hour. Winter Session, third year. Dr. BARTLETT.

203-204—Didactic or clinical lectures on diseases of children. At the Vanderbilt Clinic. 1 hour. Winter and Spring Sessions, third year. Professor HOLT or Dr. HAYNES.

207-208—Bedside instruction in the contagious diseases of children. At the Willard Parker and Scarlet Fever Hospital. 1 hour. One-fifth of third year. Drs. BERG and HAYNES.

209-210—Hospital clinic in diseases of children. In the wards of the Babies Hos-pital. 3 hours. One-fourth of fourth year. Professor HOLT.

211-212—Hospital clinic in diseases of children. In the wards and out-patient department of Bellevue Hospital. 3 hours. One-fourth of fourth year. Drs. LAFETRA, WILCOX, SCHLOSS, and C. H. SMITH.

221-222—Hospital clinic in diseases of children. At the German Hospital. 3 hours. One-fourth of fourth year. Drs. GOODMAN and LEOPOLD.

223-224—Hospital clinic in diseases of children. At the Presbyterian Hospital. 3 hours. One-fourth of fourth year. Dr. H. H. MASON.

225-226—Hospital clinic in diseases of children. At St. Mary's Hospital. 3 hours. One-fourth of fourth year. Drs. WEST, BYARD, and STOWELL.

## DRAFTING

*See introductory paragraphs, page 72*

*Associate Professor:* R. E. MAYER (*Executive Officer*).

*Assistant Professors:* S. O. MILLER and T. H. HARRINGTON.

1-2—Elements of engineering drafting, lettering, projections, working drawings, topography. C 1 hour, D 5 hours. 2 points. Professors MAYER, MILLER, and HAR-RINGTON.

3 or 4—Descriptive geometry—problems on point, line, and plane; tangent planes; intersections; developments; warped surfaces. C 3 hours. 3 points. Professors MAYER, MILLER, and HARRINGTON.

6—(a) Graphics—Shades and shadows; perspective; (b) Stone-cutting. 3 hours. C and D. Professors MAYER, MILLER, and HARRINGTON.

7-8—(a) Structural drawing; (b) Machine drawing. 3 hours. C and D. Professors MAYER, MILLER, and HARRINGTON.

## SUMMER SESSION

- 5a—Mechanical drafting. 2 points. Professor MAYER.  
 51-2—Mechanical drafting. 3 points. Professor MAYER.  
 53-4—Descriptive geometry. 2 points. Professor MAYER.  
 56, 7-8—Advanced mechanical drafting. 3 points. Professor MAYER.

## EXTENSION TEACHING

- e1-2—Mechanical drafting. 4 points. Professor HARRINGTON.  
 e2a—e1 repeated. 2 points. Professor HARRINGTON and assistant.  
 e3-4—Descriptive geometry. 2 hours. 4 points. Professor HARRINGTON.  
 e6—Graphics. C and D 3 hours. 1 point. Professor HARRINGTON.  
 e7—Engineering drafting. C and D 3 hours. 1 point. Professor HARRINGTON.  
 e8—Structural drafting. C and D 3 hours. 1 point. Professor HARRINGTON.

*Equipment.* The collections of the department contain models illustrating problems in projections and descriptive geometry, a special feature of which is the set of Olivier models illustrating the warped surfaces and problems in intersections and tangencies.

## ECONOMICS AND SOCIAL SCIENCE

*See introductory paragraphs, page 72*

*Professors:* J. B. CLARK, E. T. DEVINE, F. H. GIDDINGS, S. M. LINDSAY, R. C. MCCREA, W. C. MITCHELL, H. L. MOORE, H. R. SEAGER, E. R. A. SELIGMAN (*Executive Officer*), V. G. SIMKHOVITCH, and H. P. WILLIS.

*Associate Professors:* E. E. AGGER, R. E. CHADDOCK, H. A. E. CHANDLER, and H. R. MUSSEY.

*Assistant Professors:* C. G. GROVE, R. M. HAIG, H. LYON, C. W. LARSON, R. H. MONTGOMERY, A. A. TENNEY, and T. W. VAN METRE.

*Instructors:* R. H. BLANCHARD, R. B. KESTER, and H. N. SHENTON.

*Lecturers:* S. S. HUEBNER, G. R. HUBBART, E. J. HUTCHINSON, R. S. MACELWEE, H. F. GRADY, and C. E. SCATTERGOOD.

*Members of the staff of the School of Philanthropy giving instruction in this department:* K. H. CLAGHORN, F. A. CLEVELAND, S. D. M. HUDSON, P. R. LEE, J. A. MILLER, W. W. PETTIT, and H. W. THURSTON.

*Visiting Lecturer:* Professor W. Z. RIPLEY of Harvard.

*Assistant:* L. BRANDT.

## ECONOMICS AND FINANCIAL ECONOMY

## ECONOMICS AND FINANCE

A1-A2—Outline of economics. 3 hours. 6 points. Professor MUSSEY and Mr. GRADY (Barnard).

H1-H2—Honors course. Professor AGGER.

H3-H4—Honors course. Professor AGGER.

1-2—Introduction to economics—practical economic problems. 3 points each session. Professors AGGER and CHANDLER and instructors.

3—The principles of money and banking. 3 points. Professor AGGER.

4—The organization of the banking system, domestic and international exchange. 3 points. Professor AGGER.

5—Practical economic problems. 3 points. Mr. HALE.

6—Introduction to economics. 3 points. Mr. HALE.

- 7-8—Current economic problems and social reform movements. Professor H. A. E. CHANDLER.
- 9-10—Current economic questions. 4 points. Professor CHANDLER.
- 11-12—Women in gainful occupations. 6 points. Miss HUTCHINSON (Barnard).
- 13-14—Social economics. 6 points. Professor MUSSEY (Barnard).
- 101-(51)—Science of finance—I: Public revenues. 3 points. Professor SELIGMAN.
- 102-(52)—Science of finance—II: Public expenditures, public debts, and the budget. 3 points. Professor SELIGMAN.
- 103—Commerce and commercial policy. 3 points. Professor MUSSEY.
- 105-(55)—The labor problem. 3 points. Professor SEAGER and field experts. This course is also given at Barnard College as a 2-point course (117).
- 106-(56)—The trust and corporation problem. 3 points. Professor RIPLEY. This course is also given at Barnard College as a 3-point course (118).
- 107-(57)—Fiscal and industrial history of the United States. 3 points. Professor SELIGMAN.
- 108-(58)—Railroad problems, economic, social, and legal. 3 points. Professor SELIGMAN.
- 111-112—Problems of public health—standards of living. 4 points. Professor CHADDOCK (Barnard).
- 113—History of socialism. 3 points. Professor SIMKHOVITCH.
- 114—Marx and Post-Marxian socialism. 3 points. Professor SIMKHOVITCH.
- 115—History of socialism. 2 points. Professor SIMKHOVITCH (Barnard).
- 116—Socialism and the social movement. 2 points. Professor SIMKHOVITCH (Barnard).
- 119—Economic history. 3 points. Professor SIMKHOVITCH.
- 203—History of economics to Adam Smith. 3 points. Professor SELIGMAN.
- 204—History of economics since Adam Smith. 3 points. Professor SELIGMAN.
- 206—Dynamics of the wage problem. 1 point. Professor CLARK.
- 207-208—Types of current economic theory. 3 points each Session. Professor MITCHELL.
- 209-210—Principles and methods of statistics. 3 points each Session. Professor CHADDOCK.
- 211-212—Economics theory. 3 points each Session. Professor H. L. MOORE.
- 214—The principles of money and banking. 3 points. Professor AGGER.
- 242—Radicalism and social reform in the nineteenth century. 3 points. Professor SIMKHOVITCH.
- 301-302—Seminar in political economy and finance. 3 points each Session. Professors SELIGMAN, SEAGER, SIMKHOVITCH, and MITCHELL.

#### BUSINESS

- 61-2—Principles of economics. 6 points. Professor MCCREA.
- 61a-2a—Principles of economics. 6 points. Professor MCCREA.
- 3-4—Advanced economics. 4 points. Professor MCCREA.
- 7-8—Business organization and administration. 4 points. Professor HAIG.
- 15—Practical advertising. 2 points. Mr. HUBBART.
- 16—Advanced advertising. 2 points. Mr. HUBBART.
- 17—Retail merchandising. 2 points Winter Session. Mr. HUBBART.
- 18—Sales management. 2 points Spring Session. Mr. HUBBART.
- 19—Salesmanship. 2 points. Mr. HUBBART.
- 23-24—Elements of accounting. 4 points. Mr. KESTER.
- 25-26—Principles of accounting. 4 points. Mr. KESTER.

- 27-28—Accounting. 2 points each Session. Mr. DOHR.  
 40—Agricultural economics. 2 points. Professor LARSON.  
 45-46—Corporation finance. 4 points. Professor LYON.  
 51—Principles of money. 3 points Winter Session. Professor WILLIS.  
 52—Elements of banking. 2 points Spring Session. Professor WILLIS.  
 55—Business mathematics. 2 points Winter Session. Professor GROVE.  
 56—Mathematics of investment. 2 points Spring Session. Professor GROVE.  
 57-58—Business statistics. 2 points each Session. Mr. SCATTERGOOD.  
 63-64—Railway transportation. 4 points. Professor VAN METRE.  
 65-66—Water transportation. 4 points. Professor VAN METRE.  
 71-72—Business law. 3 points each Session. Professor LYON.  
 79-80—Insurance. 2 points each Session. Dr. BLANCHARD.  
 89-90—History of American commerce. 4 points. Professor VAN METRE.  
 117-118—Psychology of advertising and selling. 3 points each Session. Professor HOLLINGWORTH.  
 129-130—Third year accounting. 3 points each Session. Mr. KESTER.  
 131-132—Auditing, theory and practice. 3 points each Session. Professor MONTGOMERY and Mr. LINGLEY.  
 133-134—Accounting problems. 3 points each Session. Professor MONTGOMERY and Mr. KESTER.  
 141-142—Markets and marketing. 3 points each Session. Professor HUEBNER.  
 147-148—Investments. 3 points each Session. Professor LYON.  
 153—Banking and credit. 3 points. Professor WILLIS.  
 154—Practical banking problems. 3 points. Professor WILLIS.  
 156—Mathematics of statistics. 3 points Spring Session. Professor GROVE.  
 169-170—Railway operation. 3 points each Session. Professor VAN METRE.

## SUMMER SESSION

## ECONOMICS AND FINANCE

- 51—Introduction to economics. 2 points. Mr. ROBINSON.  
 52—Practical economic problems. 2 points. Mr. ROBINSON.  
 5101—Taxation and finance. 3 points. Professor BOGART.  
 5106—Industrial combinations and trusts. 3 points. Professor E. S. MEAD.  
 5107—Economic history of the United States. 3 points. Professor BOGART.  
 5115—The principles of money and banking. 3 points. Professor AGGER.  
 5116—Banking organization. 3 points. Professor AGGER.  
 Statistics 5209—Principles and methods of statistics. 3 points. Professor CHADDOCK.  
 Statistics 5210—Social statistics. 3 points. Professor CHADDOCK.

## BUSINESS

- 523-24—First year accounting. 4 points. Mr. KESTER.  
 525—Second year accounting. 2 points. Mr. KOOPMAN.  
 526—Second year accounting. 2 points. Mr. KOOPMAN.  
 5133—Accounting laboratory. 3 points. Mr. KESTER.  
 521—Methods of teaching bookkeeping. 2 points. Mr. KOOPMAN.  
 515—Advertising and sales. 2 points. Mr. HUBBART.  
 520—Sales management. 2 points. Mr. HUBBART.  
 527—Retail merchandising. 2 points. Mr. HUBBART.  
 562—Business mathematics. 2 points. Professor GROVE.  
 571-72—Business law. 3 points. Professor LYON.

- s107*—Business organization. 3 points. Professor JONES.  
*s109*—The chief executive. 3 points. Professor JONES.  
*s145*—Corporation finance. 3 points. Professor MEAD.  
*s147-148*—Investments. 3 points. Professor LYON.  
*s177*—Insurance. 3 points. Professor HUEBNER.  
*s179*—Property insurance. 3 points. Professor HUEBNER.  
*s197*—Advanced economics. 3 points. Professor MCCREA.  
*s198*—Economics and social reform. 3 points. Professor MCCREA.

## EXTENSION TEACHING

## ECONOMICS AND FINANCE

- e1-2*—Principles of economics. 3 points each session. Professor MCCREA, Professor VAN METRE, Dr. BLANCHARD.  
*e1a-2a*—Economics. 3 points. Mr. ROBINSON.  
*e45-46*—Corporation finance. 4 points. Professor LYON.  
*e77-78*—Personal insurance. 4 points. Professor HUEBNER.  
*e81*—Casualty insurance. 2 points. Dr. BLANCHARD.  
*e82*—Fire insurance. 2 points. Dr. BLANCHARD.  
*e147-148*—Investments. 2 half courses. 4 points. Professor LYON.  
*e179-180*—Insurance problems. 6 points. Dr. BLANCHARD.

## BUSINESS

## ACCOUNTING

- e23-24*—Elements of accounting. 4 points. Mr. BALTZ and Mr. SEWARD.  
*e23a*—Elements of accounting. 2 points. Mr. BAKER.  
*e24a*—Elements of accounting. 2 points. Mr. BAKER.  
*e25-26*—Principles of accounting. 4 points.  
*e25a-26a*—Principles of accounting. 4 points. Mr. KOOPMAN.  
*e27-28*—Cost accounting. 4 points.  
*e61-62*—Business mathematics. 4 points. Mr. VAN TUYL.  
*e129-130*—Practical accounting. 4 points. Mr. BOYCE.  
*e131-132*—Auditing, theory and practice. 4 points.  
*e133-134*—Accounting laboratory. 4 points. Mr. BYRNES.  
*e135-136*—Transportation accounting. 4 points. Mr. BOYCE.

## COMMERCE AND INDUSTRY

- e7-8*—Business organization and administration. 4 points. Professor HAIG.  
*e15*—Practical advertising. 2 points. Mr. HUBBART.  
*e16*—Advanced advertising. 2 points. Mr. HUBBART.  
*e16a*—Practical advertising. 2 points. Mr. HUBBART.  
*e19*—Salesmanship. 2 points. Mr. HUBBART.  
*e40*—Agricultural economics. 2 points. Professor LARSON.  
*e89-90*—History of American commerce. 4 points. Dr. VAN METRE.  
*e97-98*—International trade and foreign salesmanship. 4 points. Professor HOLLINGWORTH.  
*e107-108*—Advanced business organization. 6 points. Professor HAIG.  
*e117-118*—Psychology of advertising and selling. 4 points. Professor HOLLINGWORTH.

- e167-168*—Railway traffic and rates. 6 points. Professor VAN METRE.  
*e189*—Ports and terminal facilities. 3 points. Dr. MACELWEE.  
*e190*—Ocean transportation. 3 points. Dr. MACELWEE.

## SOCIAL SCIENCE

## SOCIOLOGY

- 1*—Social evolution and introductory sociology. 2 points. Mr. SHENTON.  
*2*—Practical sociology. 2 points. Mr. SHENTON.  
*151*—Principles of sociology, analytical: theories of social organization and progress. 3 points. Professor TENNEY.  
*152*—Principles of sociology, descriptive: problems of social organization and progress in America. 3 points. Professor TENNEY.  
*209-210*—Principles and methods of statistics. 6 points. Professor CHADDOCK.  
*[255]*—Social evolution: ethnic and civil origins. 3 points. Professor GIDDINGS.]  
*[256]*—Social evolution: civilization, liberty, and democracy. 3 points. Professor GIDDINGS.]  
*257*—The evolution of progressive society. 3 points. Professor GIDDINGS.  
*258*—The evolution of progressive society. 3 points. Professor GIDDINGS.  
*313*—General seminar: observational sociology. 3 points. Professor GIDDINGS.  
*314*—General seminar: observational sociology. 3 points. Professor GIDDINGS.  
*315*—Seminar in modern social problems. 3 points. Professor TENNEY.  
*316*—Seminar in modern social problems. 3 points. Professor TENNEY.  
*317-318*—Advanced seminar in sociological theories. 3 points each Session. Professor TENNEY.  
*319-320*—Advanced seminar in sociological research. 6 points. Professor GIDDINGS.

## SUMMER SESSION

- s143*—Social institutions. 3 points. Mr. SHENTON.  
*s157*—Social evolution. 3 points. Professor GIDDINGS.  
*s209*—Principles and methods of statistics. 3 points. Professor CHADDOCK.  
*s210*—Social statistics. 3 points. Professor CHADDOCK.  
*s312*—Seminar in social institutions and social assimilation. 3 points. Mr. SHENTON.  
*s315*—Seminar in principles and methods of inductive sociology. 3 points. Professor GIDDINGS.

## EXTENSION TEACHING

- e51*—Introductory sociology: elementary principles of sociology. 2 points. Mr. SMITH.  
*e51a*—Introductory sociology: elementary principles of sociology; laboratory. 1 point. Mr. SMITH.  
*e52*—Practical sociology: social conditions in the United States. 2 points. Mr. SMITH.  
*e52a*—Practical sociology: social conditions in the United States; laboratory. 1 point. Mr. SMITH.  
*e141*—Social problems: immigration and social assimilation. 3 points. Mr. SHENTON.  
*e142*—Social problems: social betterment. 3 points. Mr. SHENTON.  
*e143*—Social institutions: institutions of component society. 3 points. Mr. SHENTON.

*e144*—Social institutions: institutions of constituent society. 3 points. Mr. SHENTON.

*e145*—Social policies: general problems of social adjustment. 3 points. Mr. THOMAS.

*e146*—Social policies: special problems of social adjustment. 3 points. Mr. THOMAS.

*e147-148*—Social statistics: principles and methods. 3 points each Session. Mr. JONES.

*e150*—Principles and methods of statistics. Lectures and laboratory. 3 points. Professor CHADDOCK.

*e151*—Principles of sociology. Lectures, readings, discussions, and exercises. 3 points. Mr. SHENTON.

*e152*—Social evolution. Lectures, readings, and discussions. 3 points. Mr. SHENTON.

*e315-316*—Seminar. 6 points. Mr. SHENTON.

#### SOCIAL SCIENCE

*103*—Modern social problems. 2 points. Professor CHADDOCK (T. C.)

#### EXTENSION TEACHING

*e131-132*—Practical penal problems. 3 points each Session. Dr. WHITIN.

*e134*—Practical penal problems. 3 points. Dr. WHITIN.

*e135*—Practical penal problems. 3 points. Dr. WHITIN.

#### SOCIAL ECONOMY

*101*—Social work. 3 points. [Not given this year]. Professor DEVINE.

*102*—Development of social work. 3 points. [Not given this year]. Professor DEVINE.

*111-112*—Social legislation. 3 points each Session. Professor LINDSAY.

*201-202*—Problems in social economy. 6 points. [Not given this year]. Professor DEVINE.

*211-212*—Problems in social legislation. 6 points. Professor LINDSAY.

*1281*—The method of social case work. 3 points. Mr. LEE.

*1282*—Family welfare. 3 points. Mr. LEE.

*1283-284*—Child welfare: social care of handicapped children. 3 points each Session. Mr. THURSTON.

*1285*—Social problems: extent and attendant circumstances. 3 points. Miss CLAGHORN.

*1286*—Statistical methods. 3 points. Miss CLAGHORN.

*1287-288*—Social aspects of education and recreation. 3 points each Session. Mr. PETTIT.

*1289-290*—The immigrant. 3 points each Session. Miss CLAGHORN.

*1291-292*—Social politics. 3 points each Session. Mr. HUDSON.

*1295-296*—Hygiene and preventable disease. 3 points each Session. Dr. MILLER.

*1298*—Principles of administration. 3 points. Dr. CLEVELAND.

*301-302*—Seminar. 6 points. Professor LINDSAY.

*303-304*—Advanced seminar. 6 points. Professor LINDSAY.

#### SUMMER SESSION

*s101*—Social work. 3 points. Professor DEVINE.

*s111*—Social legislation. 3 points. Professor LINDSAY.

<sup>1</sup> Given at the New York School of Philanthropy.



5201—Problems in social work. 3 points. Professor DEVINE.

5211—Problems in social legislation. 3 points. Professor LINDSAY.

5301—Seminar in social economy and social legislation. 3 points. Professors DEVINE and LINDSAY.

*Equipment.* The Library facilities are unexcelled. Every journal of importance, American or foreign, dealing with economics or social science, is taken regularly by the Library. Any book needed by advanced students can usually be bought at once. The special library of history and political science alone comprises more than 80,000 volumes.

The facilities offered to students of sociology and social economy include a large library of general and special works on sociological theory, the history of the family, pauperism, crime, and penology. Arrangements have been made with the Charity Organization Society, the State Charities Aid Association, the University Settlement, the East Side House, and the Brooklyn Bureau of Charities, by which students can become fully acquainted with actual work among the people and with the most perfect methods.

Students of economics and social science will find in New York unrivaled library facilities. In addition to the University, there are the New York Public Library on the Astor, Lenox, and Tilden foundation, New York Historical Library, Long Island Historical Library, Library of the New York School of Philanthropy, the Bar Association Library, and the Law Institute Library, to each of which students have access under favorable conditions. Advanced students also have at their disposal the library of the McVickar Professor of Political Economy which contains an important collection of works on earlier economies.

The Statistical Laboratory, conducted by Professor CHADDOCK, is equipped with the most modern devices for facilitating statistical work, including the Hollerith punching, sorting, and tabulating machines, Burroughs adding machines, and several calculators of the Brunsviga and Millionaire types, calculating tables, and materials and devices for the construction of graphs. Some of the most necessary current sources of statistical data, both for our own and for foreign countries, are kept upon the shelves for reference and instruction.

Students also have the privilege of attending all of the courses in the School of Philanthropy conducted by the Charity Organization Society.

## EDUCATION

*See introductory paragraphs, page 72*

The School of Education of Teachers College is the Division of Education of Columbia University. In the section of the Catalogue devoted to Teachers College (see Table of Contents) will be found a list of its officers and a statement of its equipment for instruction and research in education.

## HISTORY AND PRINCIPLES OF EDUCATION

### HISTORY OF EDUCATION

*B*—History and principles of education, with special reference to elementary school problems. 6 points. Mr. MADDOX and Professor GOODSSELL.

*B1-B2*—History of education. 4 points. Mr. MADDOX.

*B3-B4*—History of education with special reference to practical arts education. 4 points. Professor GOODSSELL and Dr. REISNER.

- 221—History of the family as a social institution. 2 points. Professor GOODSSELL. (Not given in 1917-1918).
- 222—Education of women. Its history and present problems. 2 points. Professor GOODSSELL.
- 225-226—History of education in the United States. 4 points. Professor MONROE.
- 271-272—History of husbandry as social control. 4 points. Dr. WILSON.
- 351-352—(Math.) History of mathematics. 6 points. Professor SMITH.
- 353-354—(Math.) Practicum in the history of mathematics. 8 points. Professor SMITH.
- 395—The history of physical science. 3 points. Professor WOODHULL.
- 421-422—History of education. 6 points. Professor MONROE and Mr. MADDOX.
- 425-426—Practicum. History of education in the United States. 8 points. Professor MONROE.
- 428—Historical and comparative study of the problems of secondary education. 3 points. Dr. KANDEL.
- 501-502—Seminar. The historical foundations of modern education. Professor MONROE.

## SUMMER SESSION

- sBa—History of education to modern times. 2 points. Mr. MADDOX.
- sBb—History of education, with special reference to the problems of elementary education. 2 points. Professor MONROE.
- s203—European school systems. 2 points. Professor GRAVES.
- s223—History of science. 2 points. Dr. SARTON.
- s227—History of secondary education. 2 points. Dr. KANDEL.
- s421—History of education to modern times. 3 points. Professor GRAVES.
- s422—History of education in modern times. 3 points. Professor MONROE.

## PHILOSOPHY OF EDUCATION

- 241-242—Philosophy of education. Introductory course. 4 points. Professor KILPATRICK.
- 243-244—Foundations of method. 4 points. Professor KILPATRICK.
- 243A—The methodology of education. 2 points. Dean RUSSELL.
- 245—Logic and educational problems. 2 points. Professor DEWEY. (Not given in 1917-1918).
- 247—Ethics and educational problems. 2 points. Professor DEWEY.
- 441-442—Philosophy of education. Advanced course. 8 points. Professor KILPATRICK.
- 443-444—Practicum. Philosophy of education. 8 points. Professor KILPATRICK.
- 446—Practicum. Historical relations of philosophy and education. 4 points. Professor DEWEY.
- 541-542—Seminar. Philosophy of education. Professors DEWEY and KILPATRICK.

## SUMMER SESSION

- sBc—The principles of education. 2 points. Professor REISNER.
- s241—Philosophy of education. Introductory course. 2 points. Professor KILPATRICK.
- s244—Foundations of method. 2 points. Professor KILPATRICK.
- s441—Philosophy of education. Advanced course. 4 points. Professor KILPATRICK.
- s443—Practicum. Philosophy of education. 4 points. Professor HENDERSON.

## EDUCATIONAL SOCIOLOGY

- 291A—Sociological foundations of curricula. 2 points. Professor SNEDDEN.  
 291B—Sociological foundations of special forms of education. 2 points. Professor SNEDDEN.  
 292A—Problems of school curricula. 2 points. Professor SNEDDEN.  
 292B—Problems of special forms of education. 2 points. Professor SNEDDEN.  
 293A—Immigrant backgrounds. 2 points. Dr. THOMAS.  
 294A—Problems of social reconstruction with special reference to the community responsibility of educational and religious leaders. 2 points. Commissioner HOWE, Dr. THOMAS, Professor WARD, and other specialists.  
 491-492—Practicum. Educational sociology. 8 points. Professor SNEDDEN.  
 591-592—Seminar. Educational sociology. Professor SNEDDEN.

## SUMMER SESSION

- 5273—Rural sociology in relation to education and social service. 2 points. Dr. W. H. WILSON.  
 5291—Introduction to educational sociology. 2 points. Professor SNEDDEN.  
 5292—Public school curricula. 2 points. Professor SNEDDEN.  
 5492A—Public school curricula. 3 points. Professor SNEDDEN.

## EDUCATIONAL PSYCHOLOGY AND MEASUREMENTS

## EDUCATIONAL PSYCHOLOGY

- A3 or A4—Elements of psychology for teachers. 4 points. Professors RUGER and WHITLEY, Dr. HOLLINGWORTH, Dr. MCCALL, and Mr. GATES.  
 2a—Principles of teaching. 2 points. Mr. MADDOX.  
 2b—Application of teaching principles to practical arts. 2 points. Professor BONSER.  
 19—Applications of psychology to teaching. 2 points. Professor WHITLEY.  
 215—Methods of teaching in special classes. 2 points. Miss FARRELL.  
 215x or 216x—Observation, experiment, and teaching in connection with special classes. 2 points either session. Miss FARRELL, Professor BONSER, and Dr. HOLLINGWORTH.  
 216—Supervision of special classes. 2 points. Miss FARRELL.  
 251A-252A—Psychology of childhood. 4 points. Professor WHITLEY.  
 252B—Psychology of adolescence. 2 points. Dr. HOLLINGWORTH.  
 253-254—Psychology and treatment of exceptional children. 4 points. Dr. HOLLINGWORTH.  
 255—The psychology of thinking. 2 points. Professor RUGER.  
 256—The experimental psychology of habit, skill, practice, and memory. 2 points. Professor RUGER.  
 451—Educational psychology. 4 points. Dr. ROGERS.  
 455-456—Clinical psychology. 6 points. Dr. HOLLINGWORTH.  
 456A—Mental and vocational tests and treatment of results. 3 points. Professor RUGER.  
 458A—Psychology of the elementary school subjects. 4 points. Professor THORNDIKE and Mr. GATES.  
 458B—Psychology of the secondary school subjects. 3 points. Professor RUGER.  
 459-460—Educational psychology—advanced course. 8 points. Professor THORNDIKE and Mr. GATES.  
 553-554—Seminar. Educational psychology. Professor THORNDIKE.

## EDUCATIONAL STATISTICS, TESTS, AND EXPERIMENTATION

211x-212x—Experimental education in the elementary school. 2 points each Session. Dr. McCALL.

215x or 216x—Observation, experiment, and teaching in connection with special classes. 2 points. Miss FARRELL, Professor BONSER, and Dr. HOLLINGWORTH.

217x-218x—Experimental teaching and practice in supervision. 2 points each Session. Miss DAY.

256—The experimental psychology of habit, skill, practice, and memory. 2 points. Professor RUGER.

283 or 284—Supervised observation and teaching. 2 points either Session. Professor STEVENS and assistants.

297-298—Vocational guidance. 4 points. Professors DEAN, SNEDDEN, and BONSER.

403-404—Practicum. Methods of investigation and school surveys including field work. 8 points. Professor STRAYER and Mr. ENGELHARDT.

403A-404A—Practicum. Investigation in educational administration. 8 points. Mr. ENGELHARDT.

403x-404x—Field work in educational administration. 3 points each Session. Professor STRAYER and Mr. ENGELHARDT.

411B—Measurement and experimentation in elementary education. 3 points. Dr. McCALL.

453-454—Practicum. Application of psychological and statistical methods to education. 8 points. Professor THORNDIKE and Dr. McCALL.

456A—Mental and vocational tests and treatment of results. 3 points. Professor RUGER.

458—The mathematics of statistics. 3 points. Professor GROVE.

489-490—Practicum. Experimental and statistical problems in secondary education. 8 points. Professors BRIGGS and KELLEY.

## SUMMER SESSION

sAa and b—Educational psychology. 4 points. Professors HENDERSON and SANDIFORD.

s211B—Recent investigations and experiments in elementary education. 2 points. Professor HAGGERTY.

s218A—Problems in class teaching in the elementary schools, with special reference to experimentation, standards, and texts. 2 points. Professor MEAD.

s251A—The psychology of childhood. 2 points. Professor SANDIFORD.

s253—The psychology and treatment of exceptional children. 2 points. Dr. HOLLINGWORTH.

s254—Psychological diagnosis. 2 points. Dr. HOLLINGWORTH.

s255A—The psychology of individual differences. 2 points. Professor TERMAN.

s256A—Psychological tests for educational and vocational guidance. 2 points. Professor RUGER.

s258B—Psychology of the secondary school subjects. 2 points. Professor COLVIN.

s353—Educational psychology. 4 points. Professor COLVIN.

s451—Educational psychology. Advanced course. 4 points. Professor HAGGERTY.

s453—Practicum. Application of psychological and statistical methods to education. 4 points. Professor RUGER.

EDUCATIONAL ADMINISTRATION AND SCHOOL SUPERVISION

ADMINISTRATION OF EDUCATION

- 201—State school systems. 2 points. Professor STRAYER and Mr. HART.  
 202—City school administration. 2 points. Professor STRAYER and Mr. HART.  
 201B—Organization and administration of school systems. 2 points. Professor STRAYER.  
 202B—Organization and administration of rural school systems. 2 points. Miss CARNEY.  
 203-204—The principal and his school. 4 points. Mr. ENGELHARDT.  
 205A-206A—Problems for advisers of women and girls. 4 points. Professors STEVENS, GOODSELL, and SNEDDEN, Miss DANIELL, and others.  
 286—The organization of secondary education; a survey. 2 points. Professor BRIGGS.  
 289—Organization and Administration of the junior high school. 2 points. Professor BRIGGS.  
 403-404—Practicum. Methods of investigation and school surveys, including field work. 8 points. Professor STRAYER and Mr. ENGELHARDT.  
 403A-404A—Practicum. Investigation in educational administration. 8 points. Mr. ENGELHARDT.  
 403x-404x—Field work in educational administration. 3 points each session. Professor STRAYER and Mr. ENGELHARDT.  
 473-474—Practicum in rural social surveys. 8 points. Dr. WILSON and Mr. MORSE.  
 509-510—Seminar. Educational administration. Dean RUSSELL and Professor STRAYER.

SUMMER SESSION

- s201—State school systems. 2 points. Professor TRABUE.  
 s202—City school administration. 2 points. Mr. ENGELHARDT.  
 s202B—The principal and his school. 2 points. Mr. ENGELHARDT.  
 s275—Rural school organization and administration. 2 points. Mr. HOLTON.  
 s284—Administrative problems of the high school. 2 points. Commissioner WOOD.  
 s289A—Organization and administration of the junior high school. 2 points. Professor BRIGGS.  
 s293A—The administration of vocational education. 2 points. Professor DEAN.  
 s299A—Organization and administration of commercial education. 2 points. Superintendent THOMPSON.  
 s403-404—Practicum. Methods of investigation and school surveys. 8 points. Professors STRAYER and TRABUE.  
 s488—Practicum. The high school survey. 4 points. Professor WILLIAM F. RUSSELL.

● COMPARATIVE EDUCATION

- 203A-204A—Comparative study of foreign school systems. 4 points. Dr. KANDEL.  
 243A—The methodology of education. 2 points. Dean RUSSELL.  
 407-408—Practicum. Comparative education. 8 points. Dr. KANDEL and Professor SNEDDEN.  
 428—Historical and comparative study of the problems of secondary education. 3 points. Dr. KANDEL.

SUMMER SESSION

- s203—European school systems. 2 points. Professor GRAVES.  
 s227—History of secondary education. 2 points. Dr. KANDEL.

## SUPERVISION OF EDUCATION

211x-212x—Experimental education in the elementary school. 2 points each Session. Dr. McCALL.

211x-212x—Experimental education in the elementary school. 4 points. Dr. McCALL.

213—Problems in method in contemporary education. 2 points. Professors McMURRY, HILL, and KILPATRICK.

213A-214A—Problems of normal school instruction. 4 points. Miss NOONAN.

216—Supervision of special classes. 2 points. Miss FARRELL.

217-218—Problems in class teaching in the elementary school, with special reference to the development of individuality in pupils. 4 points. Miss DAY.

217x-218x—Experimental teaching and practice in supervision. 2 points each Session. Miss DAY.

231-232—The unification of the kindergarten and the primary school. 4 points. Miss MOORE.

235-236—Criticism and supervision of curricula and teaching in the kindergarten. 6 points. Professor HILL and Miss MOORE.

237-238—Kindergarten curricula and methods of teaching. 4 points. Professor HILL and Miss BROWN.

411-412—Criticism and supervision of instruction in the elementary school, with special reference to the making of a curriculum. 6 points. Professor McMURRY.

411A-412A—Criticism and supervision of instruction in the elementary school, with special reference to methods of study. 6 points. Professor McMURRY.

411B—Measurements and experimentation in elementary education. 3 points. Dr. McCALL.

413-414—Practicum. The making of elementary school curricula. 8 points. Professor BONSER and Mrs. MOSSMAN.

417-418—Practicum. Normal school problems. 8 points. Professor BAGLEY.

431-432—Practicum. Current problems in the supervision of kindergartens and the training of kindergarten teachers. 8 points. Professor HILL.

471-472—Practicum in elementary rural school curricula. 8 points. Professor BONSER and Miss LOVSNES.

485-486—Supervision of instruction in the secondary school. 6 points. Professor BRIGGS.

533-534—Seminar. Elementary education. Professors McMURRY and BONSER.

## SUMMER SESSION

5145—Theory and practice of teaching and supervising industrial arts in elementary schools. 2 points. Professor BONSER and Mrs. MOSSMAN.

5213A—Supervision of instruction in the elementary school, with special reference to method of study on the part of pupils. 2 points. Professor McMURRY and Miss PATRICK.

5213B—Supervision of instruction in the elementary school, with special reference to principles governing the criticism of instruction and the making of a curriculum. 2 points. Professor McMURRY and Miss DAY.

5217A—Supervision of instruction with special emphasis upon the question as a factor in teaching. 2 points. Professor HALL.

5217C—Problems of supervision in elementary schools. 2 points. Dr. EARHART.

5432—Practicum. Current problems in the supervision of kindergartens and the training of kindergarten teachers. 4 points. Professor HILL.

5485—The supervision of instruction in secondary schools. 4 points. Professor BRIGGS.

EDUCATIONAL AND SCHOOL HYGIENE

104—Biology as related to education and social work. 2 points. Professor BIGELOW and Miss STACKPOLE.

183-184—Educational hygiene. 4 points. Professor WOOD.

187-188—Hygiene of childhood and adolescence, including sex-education. 4 points. Professor WOOD.

SUMMER SESSION

5104—Biological problems of education and social work. 2 points. Miss STACKPOLE, Professor BIGELOW, and special lecturers.

5209—Educational hygiene. 2 points. Professor Terman.

THEORY AND PRACTICE OF TEACHING

METHODS IN KINDERGARTEN

55-56—(Kgtn.) Music for the kindergarten. 2 points. Miss ROBINSON.

57-58—(Kgtn.) Historical and critical study of Froebelian literature and materials. 4 points. Miss ATKINSON and Miss BURKE.

102—(Kgtn.) Play materials for the kindergarten. 2 points. Miss GARRISON.

103—(Kgtn.) Studies and experiments with materials leading to the fine arts. 2 points. Miss BROWN.

104—(Kgtn.) Studies and experiments with play materials leading to the industrial arts. 2 points. Miss BROWN.

107-108—(Kgtn.) Dramatic arts, plays, games, and dances of early childhood. 2 points. Miss BURKE.

109-110—(Kgtn.) Experimental playground. 2 points. Miss RANKIN.

109-110—Literature in kindergarten and primary grades. 4 points. Miss MOORE.

137-138—(Kgtn.) Critical study and discussion of observation and practice in kindergarten teaching. 2 points. Miss BROWN and Miss GARRISON.

231-232—The unification of the kindergarten and the primary school. 4 points. Miss MOORE.

233-234—The home and the conservation of childhood. 4 points. Miss ATKINSON.

235-236—Criticism and supervision of curricula and teaching in kindergarten. 6 points. Professor HILL and Miss MOORE.

237-238—Kindergarten curricula and methods of teaching. 4 points. Professor HILL and Miss BROWN.

265-266—Religious education of young children. 2 points. Miss RANKIN.

431-432—Practicum. Current problems in the supervision of kindergartens and the training of kindergarten teachers. 8 points. Professor HILL.

SUMMER SESSION

557—Literature for the kindergarten. 2 points. Miss KNEIP.

5102—Play materials for the kindergarten. 2 points. Miss GARRISON.

5104—Studies and experiments with play materials leading to the industrial arts. 2 points. Miss GARRISON and Miss BURKE.

5107—Plays, games, and drama for young children. 2 points. Miss CRAWFORD.

5110—Experimental playground. 2 points. Miss RANKIN.

5231—The unification of the kindergarten and the primary school, with comparison of aims, principles, methods, and subject-matter. 2 points. Miss MOORE.

5235A—A study of experiments in the education of young children. 2 points. Professor HILL and Miss BURKE.

- s239A*—The dramatic arts in education. 2 points. Miss CRAWFORD.  
*s432*—Practicum. Current problems in the supervision of kindergartens and the training of kindergarten teachers. 4 points. Professor HILL.

## METHODS IN ELEMENTARY SCHOOLS

- 109-110*—Literature in kindergarten and primary grades. 4 points. Miss MOORE.  
*143-144*—Industrial arts for the elementary grades. 4 points. Miss PATRICK.  
*145-146*—Teaching industrial arts in elementary schools. 4 points. Professor BONSER.  
*211-212*—Theory and practice of teaching in elementary schools. 6 points. Professors BAKER, BIGELOW, JOHNSON, UPTON, MCFARLANE, and Miss NOONAN.  
*211C*—Illustrative lessons in history. 2 points. Professor JOHNSON.  
*212E*—The teaching and supervision of arithmetic in elementary schools. 2 points. Professor UPTON.  
*211x-212x*—Experimental education in the elementary school. 2 points each session. Dr. MCCALL.  
*215*—Methods of teaching in special classes. 2 points. Miss FARRELL.  
*215x* or *216x*—Observation, experiment, and teaching in connection with special classes. 2 points either session. Miss FARRELL, Professor BONSER, and Dr. HOLLINGWORTH.  
*217-218*—Problems in class teaching in the elementary school, with special reference to the development of individuality in pupils. 4 points. Miss DAY.  
*217x-218x*—Experimental teaching and practice in supervision. 2 points each session. Miss DAY.  
*219-220*—Methods of teaching in the elementary school. 2 points. Miss MOORE.  
*219a* or *220a*—Supervised observation and criticism. 2 points either Session. Miss MOORE.  
*231-232*—The unification of the kindergarten and the primary school. 2 points. Miss MOORE.  
*411-412*—Criticism and supervision of instruction in the elementary school with special reference to the making of a curriculum. 6 points. Professor McMURRY.  
*411A-412A*—Criticism and supervision of instruction in the elementary school with special reference to methods of study. 6 points. Professor McMURRY.  
*413-414*—Practicum. The making of elementary school curricula. 8 points. Professor BONSER and Mrs. MOSSMAN.  
*458A*—Psychology of the elementary school subjects. 4 points. Professor THORNDIKE and Mr. GATES.  
*471-472*—Practicum in elementary rural school curricula. 8 points. Professor BONSER and Miss LOVSNES.  
*533-534*—Seminar. Elementary education. Professors McMURRY and BONSER.

## SUMMER SESSION

- s10*—Demonstration school. 1 point. Professor PEARSON, Mr. GOLDBERGER, Miss NOONAN, and Mr. HUNT.  
*s30*—General methods of teaching in the elementary school with special reference to the grammar grades. 2 points. Miss TALL.  
*s31*—Methods of teaching in the elementary school, with special reference to the primary grades. 2 points. Miss MOORE.  
*s32*—Methods of teaching in the grammar grades, with emphasis on training pupils how to study. 2 points. Dr. EARHART.



533—Methods of teaching in the primary grades with emphasis on training pupils how to study. 2 points. Miss NOONAN.

535—The teaching of English in the primary grades. 2 points. Mrs. HALL.

536—The teaching of English in grammar grades. 2 points. Mrs. HALL.

537—Methods of teaching English to foreigners. 2 points. Mr. GOLDBERGER.

545—Theory and practice of teaching and supervising industrial arts in elementary schools. 2 points. Professor BONSER and Mrs. MOSSMAN.

5211B—Recent investigation and experiments in elementary education. 2 points. Professor HAGGERTY.

5213A—Supervision of instruction in the elementary school, with special reference to method of study on the part of pupils. 2 points. Professor McMURRY and Miss PATRICK.

5213B—Supervision of instruction in the elementary school, with special reference to principles governing the criticism of instruction and the making of a curriculum. 2 points. Professor McMURRY and Miss DAY.

5217A—Supervision of instruction with special emphasis upon the question as a factor in teaching. 2 points. Professor HALL.

5217B—General methods of teaching in the elementary school for teachers of experience, with special reference to history, arithmetic, and geography, in the upper grades. 2 points. Professor MEAD.

5217C—Problems of supervision in elementary schools. 2 points. Dr. EARHART.

5218A—Problems in class teaching in the elementary schools, with special reference to experimentation, standards, and tests. 2 points. Professor MEAD.

5231—The unification of the kindergarten and the primary school. 2 points. Miss MOORE.

5413—Practicum in elementary education. 4 points. Professor BONSER and Miss TALL.

## METHODS IN SECONDARY SCHOOLS

### GENERAL COURSES

281 or 282—Conduct of the recitation in secondary schools. 2 points either Session Professor STEVENS.

283 or 284—Supervised observation and teaching. 2 points either Session. Professor STEVENS and assistants.

286—The organization of secondary education: a survey. 2 points. Professor BRIGGS.

289—Organization and administration of the junior high school. 2 points. Professor BRIGGS.

290—Social organization and control of the secondary school. 2 points. Professor STEVENS.

428—Historical and comparative study of the problems of secondary education. 3 points. Dr. KANDEL.

458B—Psychology of the secondary school subjects. 3 points. Professor RUGER.

483-484—Methods of teaching secondary academic subjects. 4 points. Professors LODGE, BAGSTER-COLLINS, WOODHULL, BIGELOW, MCFARLANE, JOHNSON, BAKER, SMITH, UPTON, and KELLEY.

485-486—Supervision of instruction in the secondary school. 6 points. Professor BRIGGS.

487-488—Practicum. The survey of secondary schools, including field work. 8 points. Professor BRIGGS and Dr. FRETWELL.

489-490—Practicum. Experimental and statistical problems in secondary education. 8 points. Professors BRIGGS and KELLEY.

587-588—Seminar. Professor BRIGGS.

#### SUMMER SESSION

5147—Theory and practice of teaching industrial arts in junior high schools. 2 points. Professor BONSER and Mr. BOWMAN.

5199—The organization of science in the high school. 2 points. Professor CALDWELL.

5227—History of secondary education. 2 points. Dr. KANDEL.

5258B—Psychology of the secondary school subjects. 2 points. Professor COLVIN.

5281—The method of the recitation in secondary schools. 2 points. Professor STEVENS.

5281A—The theory and practice of teaching in the junior high school. 2 points. Professor WILLIAM F. RUSSELL.

5282—General methods of teaching in secondary schools. 2 points. Commissioner WOOD.

5284—Administrative problems of the high school. 2 points. Commissioner WOOD.

5289A—Organization and administration of the junior high school. 2 points. Professor BRIGGS.

5290—Social organization and control of the secondary school. 2 points. Professor STEVENS.

5485—The supervision of instruction in secondary schools. 4 points. Professor BRIGGS.

5488—Practicum. The high school survey. 4 points. Professor WILLIAM F. RUSSELL.

#### BIOLOGY

104—Biology as related to education and social work. 2 points. Professor BIGELOW and Miss STACKPOLE.

105-106—Teaching of nature-study. 4 points. Professors BIGELOW and BROADHURST and Miss STACKPOLE.

301—Teaching of biological sciences in secondary schools. 3 points. Professors BIGELOW and BROADHURST.

302A—The organization of science in the high school. 3 points. Professor CALDWELL.

303-304—Practicum in teaching biological sciences. 8 points. Professors BIGELOW and BROADHURST.

#### SUMMER SESSION

51—Biological nature-study. 2 points. Professor BROADHURST and Miss STACKPOLE.

553—Biology applied to physiology and hygiene for teachers. 2 points. Miss STACKPOLE and Professor BIGELOW.

5104—Biological problems of education and social work. 2 points. Miss STACKPOLE, Professor BIGELOW, and special lecturers.

5105—Nature-study for teachers. 2 points. Professors BROADHURST and BIGELOW and Miss STACKPOLE.

5199—The organization of science in the high school. 2 points. Professor CALDWELL.

5212g—The teaching of nature-study in elementary schools. 1 point. Professors BROADHURST and BIGELOW.

5301A—Materials and methods for teaching applied biology. 3 points. Professors BIGELOW and BROADHURST and Miss STACKPOLE.

## ENGLISH

305-306—The teaching of English in secondary schools. 6 points. Professors BAKER and ABBOTT.

306A—The teaching of English in normal schools. 3 points. Professor BAKER.

307-308—Practicum in the teaching of English in secondary schools. 8 points. Professor BAKER.

309—The college teaching of composition. 3 points. Professor BALDWIN.

310—The development of rhetorical theory. 3 points. Professor BALDWIN.

309A-310A—Principles of English usage. 6 points. Professor KRAPP.

A—Composition and literature. 6 points. Professor ABBOTT, Dr. COOK, Miss DILLER, and Miss PATTON.

B—Composition and literature. 6 points. Dr. COOK and Miss HILL.

C—Supplementary English composition. Dr. COOK and others.

1-2—Composition. 4 points. Professor ABBOTT.

71-72—Nineteenth century writers. 4 points. Professor BAKER and Miss HILL.

75-76—Typical forms of literature. 4 points. Professor ABBOTT and Miss DILLER.

77-78—American literature. 4 points. Dr. COOK.

112—Writing for publication. 3 points. Professor ABBOTT.

## SUMMER SESSION

s35—The teaching of English in the primary grades. 2 points. Mrs. HALL.

s36—The teaching of English in grammar grades. 2 points. Mrs. HALL.

s37—Methods of teaching English to foreigners. 2 points. Mr. GOLDBERGER.

s61—The foundations of high school literature. 2 points. Professor ABBOTT.

s62—The foundations of high school composition. 2 points. Professor ABBOTT.

s167—The teaching of speech. 2 points. Professor LATHAM.

s307A—The teaching of literature in secondary schools. 3 points. Professor BAKER.

s308A—The teaching of English composition in secondary schools. 3 points. Professor BAKER.

s307B—The teaching of literature in the junior high school. 3 points. Professor HOSIC.

s308B—The teaching of English composition and grammar in the junior high school. 3 points. Professor HOSIC.

*Lib. Econ. s2*—Administration of the school library. 2 points. Miss HALL and Miss WARREN.

## FRENCH

317-318—The teaching of French in secondary schools. 6 points. Dr. CLARK.

A—Elementary French. 6 points. Professor BALLARD and Dr. HARVITT.

B—Intermediate French. 6 points. Professor BALLARD and Dr. HARVITT.

53-54—Educational French. 4 points. Professor BALLARD.

## SUMMER SESSION

s117—The direct method of teaching French. Demonstration class. 2 points. Mr. MÉRAS and Miss MÜLLER.

s119—French in secondary schools, study of material. 2 points. Mr. MÉRAS.

s327A—The teaching of modern languages in secondary schools. 3 points. Professor BAGSTER-COLLINS assisted by Mr. MÉRAS.

## GEOGRAPHY

105-106—Industrial and commercial geography. 4 points. Professor MCFARLANE.

## SUMMER SESSION

- s212e*—The teaching of geography in the lower grades. 1 point. Miss LOWSON.  
*s212f*—The teaching of geography in the upper grades. 1 point. Miss LOWSON.  
*s212r*—The teaching of regional geography in the junior high school. 1 point. Miss LOWSON.

## GERMAN

- 125*—German in secondary schools, study of material. 4 points. Professor BAGSTER-COLLINS.  
*129*—Phonetics. 3 points. Professor BAGSTER-COLLINS.  
*327*—The teaching of German in secondary schools. 6 points. Professor BAGSTER-COLLINS.  
*A*—Elementary German. 6 points. Mr. BACH.  
*B*—Intermediate German. 6 points. Mr. BACH.  
*C*—Conversation and composition. 4 points. Mr. BACH.  
*53-54*—Educational German. 4 points. Professor BAGSTER-COLLINS and Mr. BACH.

## SUMMER SESSION

- 5127B*—Demonstration class in the teaching of German. 2 points. Miss KREYKENBOHM and Miss KILGOUR.  
*5129*—German in secondary schools, study of material. 2 points. Miss KREYKENBOHM.  
*5141*—Phonetics. 2 points. Professor BAGSTER-COLLINS.  
*5327A*—The teaching of modern languages in secondary schools. 3 points. Professor BAGSTER-COLLINS assisted by Mr. MÉRAS.

## HISTORY

- 211C*—Illustrative lessons in history. 2 points. Professor JOHNSON.  
*331-332*—The teaching of history in secondary schools. 6 points. Professor JOHNSON.  
*332A*—The teaching of history in normal schools. 3 points. Professor JOHNSON.  
*333-334*—Practicum. The literature of American history. 8 points. Professor JOHNSON.  
*A*—Modern and contemporary history. 6 points. Professor GAMBRILL and Dr. FAULKNER.  
*B*—Social history of industry. 6 points. Professor GAMBRILL and Dr. FAULKNER.  
*345-346*—Social and industrial history of the United States. 6 points. Professor GAMBRILL.

## SUMMER SESSION

- 5133A*—The teaching of government in secondary schools. 2 points. Dr. SHULTZ.  
*5211c*—Illustrative lessons in contemporary American history. 2 points. Professor JOHNSON.  
*5212d*—Materials for the study of city government and how to use them. 2 points. Dr. SHULTZ.  
*5332A*—The teaching of history. 3 points. Professor JOHNSON.

## LATIN

- 151-152*—The teaching of Latin in secondary schools. 4 points. Professor LODGE.  
*351-352*—Practicum in Latin—Cæsar and Vergil. 8 points. Professor LODGE.  
*521-522*—Problems in Latin syntax. 8 points. Professor LODGE.

- 1—Latin literature. 2 points. Professor LODGE.
- 2—Scenes from Roman public and private life. 2 points. Professor LODGE.
- 211-212—Latin vocabulary and conversation. 2 points. Professor LODGE.

#### SUMMER SESSION

- s151—Methods of teaching Latin. 2 points. Dr. CHICKERING.
- s152—Demonstration class in beginning Latin by the direct method. 2 points. Dr. CHICKERING.

#### MATHEMATICS

- 31-32—Industrial mathematics. 4 points. Mr. BRECKENRIDGE.
- 34—Applied mathematics for women. 2 points. Mr. SCHLAUCH.
- 158—Current questions in the teaching of mathematics. 2 points. Professors SMITH, UPTON, and BRECKENRIDGE.
- 159-160—The teaching of applied mathematics. 4 points. Mr. BRECKENRIDGE.
- 212E—The teaching and supervision of arithmetic in elementary schools. 2 points. Professor UPTON.
- 351-352—(Math.) History of mathematics. 6 points. Professor SMITH.
- 353-354—(Math.) Practicum in the history of mathematics. 8 points. Professor SMITH.
- 357-358—The teaching of mathematics in secondary schools. 6 points. Professor UPTON.
- 359-360—Practicum in the teaching of mathematics. 8 points. Professor SMITH.
- 557-558—Seminar in the teaching of mathematics. Professor SMITH.

#### SUMMER SESSION

- s152—History of mathematics. 2 points. Dr. SARTON.
- s157B—The teaching of mathematics in commercial high schools. 2 points. Mr. SCHLAUCH.
- s159—The teaching of applied mathematics. 2 points. Mr. BRECKENRIDGE.
- s211e—The teaching and supervision of elementary arithmetic. First six grades. 1 point. Miss NOONAN.
- s212h—The teaching and supervision of arithmetic. Grammar grades. 1 point. Mr. BRECKENRIDGE.
- s212t or s212p—The teaching and supervision of mathematics in the junior high school. 1 or 2 points. Mr. BRECKENRIDGE.
- s357A—Theory and practice of teaching algebra in secondary schools. 3 points. Mr. BRECKENRIDGE.
- s358A—Theory and practice of teaching geometry in secondary schools. 3 points. Mr. BRECKENRIDGE.

#### PHYSICAL SCIENCE

- 197-198—The teaching of physical science in secondary schools. 4 points. Professor WOODHULL and Mr. GOOD.
- 197A-198A—The teaching of laboratory physics in secondary schools. 4 points. Mr. GOOD, Mr. VON HOFE, and Mr. MEISTER.
- 302A—The organization of science in the high school. 3 points. Professor CALDWELL.
- 395—The history of physical science. 3 points. Professor WOODHULL.
- 397—Practicum in physical science. 4 points. Professor WOODHULL.
- 597—Seminar in the history and teaching of physical science. Professor WOODHULL.

## SUMMER SESSION

*s197*—The teaching of physical science in secondary schools. Physics. 2 points. Mr. GOOD and Mr. VON HOFÉ.

*s197A*—The teaching of laboratory physics in secondary schools. 2 points. Mr. GOOD and Mr. VON HOFÉ.

*s198*—The teaching of physical science in secondary schools. Chemistry. 2 points. Mr. WILLIAMS and Mr. LOCKHART.

*s198A*—The teaching of laboratory chemistry. 2 points. Mr. WILLIAMS and Mr. LOCKHART.

*s199*—The organization of science in the high school. 2 points. Professor CALDWELL.

*s211d*—The teaching of general science in the elementary and junior high schools. 2 points. Mr. WILLIAMS and Mr. LOCKHART.

*s211k*—Laboratory exercises in general science for the elementary and junior high schools. 2 points. Mr. WILLIAMS and Mr. LOCKHART.

*s223*—History of science. 2 points. Dr. SARTON.

## VOCATIONAL EDUCATION

## RELIGIOUS EDUCATION

*61x-62x*—Practice in Sunday school teaching. 1 point each Session. Miss TALLMAN.

*149*—The religion of the Old Testament. 2 points. Professor BEWER.

*150*—The religion of the New Testament. 2 points. Professor BEWER.

*153-154*—The significance and inspiration of the Bible. 4 points. Father CLIFFORD.

*261-262*—The teaching of religion. 4 points. Miss TALLMAN.

*261x-262x*—Field work in religious education. 2 points each Session. Miss TALLMAN and others.

*263-264*—The use of the Bible in religious education. 4 points. Miss TALLMAN.

*265-266*—Religious education of young children. 2 points. Miss RANKIN.

*269-270*—Problems in missionary education. 4 points. Dr. SAILER.

*469-470*—Practicum. Problems in missionary education. 8 points. Dr. SAILER.

## SUMMER SESSION

*s261A*—Principles of moral and religious education. 2 points. Professor RICHARDSON.

## RURAL EDUCATION

*140*—Teaching of household arts in rural communities. 2 points. Professor SPOHR.

*202B*—Organization and administration of rural school systems. 2 points. Miss CARNEY.

*271-272*—History of husbandry as social control. 4 points. Dr. WILSON.

*273-274*—Rural economics and sociology. 4 points. Dr. WILSON.

*275-276*—Rural school supervision and training of rural teachers. 4 points. Miss LOVSNES.

*277A-278A*—Rural community organization for war service. 4 points. Dr. WILSON, Miss CARNEY, Miss LOVSNES, and Mrs. MOSSMAN.

*277B-278B*—Rural education. Dr. WILSON and others.

*471-472*—Practicum in elementary rural school curricula. 8 points. Professor BONSER and Miss LOVSNES.

*473-474*—Practicum in rural social surveys. 8 points. Dr. WILSON and Mr. MORSE.

SUMMER SESSION

- s70*—Teaching in elementary schools through home and school gardens. 2 points. Dr. JARVIS.
- s139*—Teaching household arts in rural schools. 2 points. Professor SPOHR.
- s140*—Directing household arts in rural communities. 2 points. Professor SPOHR.
- s273*—Rural sociology in relation to education and social service. 2 points. Dr. W. H. WILSON.
- s274*—Rural economics in relation to the school. 2 points. Dr. W. H. WILSON.
- s275*—Rural school organization and administration. 2 points. Mr. HOLTON.

VOCATIONAL EDUCATION

- 293-294*—Problems in vocational education. 4 points. Professor DEAN.
- 294B*—Vocations for girls and women. 2 points. Professor COOLEY and specialists.
- 295-296*—Vocational education. 4 points. Professor SNEDDEN.
- 297-298*—Vocational guidance. 4 points. Professors DEAN, SNEDDEN, and BONSER.
- 297A*—Current problems in practical arts education. 2 points. Professors DEAN, BONSER, and SNEDDEN.
- 456A*—Mental and vocational tests and treatment of results. 3 points. Professor RUGER.
- 493-494*—Practicum. Current problems in vocational education. 8 points. Professors DEAN and SNEDDEN.
- 493x-494x*—Field work in vocational education. 3 points each Session. Professor DEAN.
- 496*—Practicum. Current problems in practical arts education. 4 points. Professor DEAN.

SUMMER SESSION

- s256A*—Psychological tests for educational and vocational guidance. 2 points. Professor RUGER.
- s293*—Problems in vocational education. 2 points. Professor DEAN.
- s293A*—Administration of vocational education. 2 points. Professor DEAN.
- s296A*—Problems and methods of teaching in continuation schools. 4 points. Mrs. WILCOX.
- s297A*—Current problems in practical arts education. 2 points. Professors DEAN, BONSER, and SNEDDEN, and Superintendent THOMPSON.
- s299*—Methods and curricula in commercial education. 2 points. Superintendent THOMPSON.
- s299A*—Organization and administration of commercial education. 2 points. Superintendent THOMPSON.

SCOUTING AND RECREATIONAL LEADERSHIP

- 195A*—A survey course in scouting. 2 points. Dr. FRETWELL.
- 195B*—Practice in scoutcraft. 2 points. Mr. STETSON.

SUMMER SESSION

- s195*—Principles and methods of recreational leadership. 2 points. Professor RICHARDSON.
- s196*—Practice in scoutcraft. 2 points. Professor RICHARDSON.

## PRACTICAL ARTS EDUCATION

*For technical courses in Practical Arts, see page 170*

## FINE ARTS

111-112—Theory and practice of teaching art. 4 points. Professor Dow and Miss BRADISH.

112x—Practical work, supplementary to 111-112. 2 points.

113-114—Supervision of fine arts. 4 points. Professor Dow.

311-312—Practicum. 8 points. Professor Dow.

## HOUSEHOLD ARTS

135-136—Teaching of household arts in schools. 4 points. Professors COOLEY, WINCHELL and SPOHR, and Miss MARSHALL.

135x—Preliminary practical work in household arts teaching. 1 point.

136x—Practical work supplementary to Education 135-136. 2 points.

136A—Teaching of household arts in vocational schools or classes for girls. 2 points. Professor COOLEY and specialists.

137-138—Supervision in the household arts. 4 points. Professors COOLEY and WINCHELL.

140—Teaching of household arts in rural communities. 2 points. Professor SPOHR.

335-336—Organization and teaching of household arts in normal schools and colleges. 4 points. Professor COOLEY and others.

336x—Practice teaching in household arts. 2 points. Professors VAN ARSDALE, FALES, COOLEY, and GUNTHER.

337-338—Practicum in household arts education. 8 points. Professor COOLEY.

## INDUSTRIAL ARTS

143-144—Industrial arts for the elementary grades. 4 points. Miss PATRICK.

143A-144A—Experimental problems in industrial arts for the elementary grades. 4 points. Miss PATRICK.

145-146—Teaching industrial arts in elementary schools. 4 points. Professor BONSER.

146x—Practical work supplementary to 145-146. 2 points.

147-148—Principles and practice of teaching industrial arts in the junior high school. 6 points. Professors WEICK and BONSER and Mr. COOK.

148x—Practice teaching supplementary to 147-148. 2 points.

## MUSIC

60—Teaching the violin and ensemble playing. 2 points. Mr. STOWELL.

87-88—Piano teaching. 4 points. Miss ZERBE.

161-162—The teaching of school music. 4 points. Miss LATHAM.

162x—Practical work supplementary to above course. 2 points.

163-164—Supervision of school music. 4 points. Professor FARNSWORTH.

164x—Practical work supplementary to 163-164. 2 points.

167-168—Teaching of speech (Oral English). 4 points. Professor LATHAM and assistant.

181—School and community festivals. 2 points. Miss COLBY, Professors ABBOTT, FARNSWORTH, LATHAM, WARNER, and others.

182—Dramatization. 2 points. Professor LATHAM and others.

363-364—Practicum in the teaching of school music. 6 points. Professor FARNSWORTH.



## NURSING AND HEALTH

- 170—Teaching of nursing principles and methods. 2 points. Professor STEWART.  
 170x—Nursing practice. 1 point supplementary to 170. Miss CARLING.  
 171—Teaching in schools of nursing. 2 points. Professor STEWART.  
 171x—2 points. Observation and practice work, supplementary to 171.  
 173—Administration in schools of nursing. 2 points. Professor GOODRICH.  
 174—State relation to nurses' education. 2 points. Professor GOODRICH.  
 176—Teaching of health principles. 2 points. Professor STEWART and assistant.  
 176x—Teaching practice. 1 point, supplementary to 176.  
 178—Organization and supervision in public health nursing. 2 points. Miss CRANDALL and special lecturers.  
 179—Current problems in the education of nurses. 2 points. Professor NUTTING.  
 371-372—Practicum in nursing. 4 points. Professor NUTTING.

## PHYSICAL EDUCATION

- 183-184—Educational hygiene. 4 points. Professor WOOD.  
 185-186—Play and playgrounds. 4 points. Mr. HAYNES.  
 186x—Practical work in connection with 185-186. 2 points.  
 187-188—Hygiene of childhood and adolescence. 4 points. Professor WOOD.  
 189-190—Teaching of hygiene and physical education. 4 points. Professor WOOD and assistants.  
 190x—Practical work in connection with 189-190. 2 points.  
 193-194—Dramatic expression in physical education. 4 points. Miss COLBY and Madame ALBERTI.  
 195-196—Problems in hygiene and physical education. 6 points. Professor WOOD and others.  
 195x-196x—Supplementary to 195-196. 6 points. Professor WOOD and others.  
 195A-196A—A survey course in scouting. 4 points. Dr. FRETWELL.  
 195B-196B—Practice in scoutcraft. 2 points. Mr. STETSON.  
 198—Practice in club activities for children and adolescents. 2 points. Mr. STETSON.  
 389-390—Practicum in hygiene and physical education. 6 points. Professor WOOD.

## SUMMER SESSION

## FINE ARTS

- 5111a—Observation of Fine Arts teaching. 1 point. Miss COLE.

## HOUSEHOLD ARTS

- 5135A—Teaching of clothing, textiles, and house furnishing in elementary schools. 2 points. Miss CHACE.  
 5135B—Teaching of foods, nutrition, and sanitation in elementary schools. 2 points. Miss MARSHALL.  
 5136A—Teaching of clothing, textiles, and house furnishing in secondary schools. 2 points. Miss CHACE.  
 5136B—Teaching of foods, nutrition, and sanitation in secondary schools. 2 points. Professor WINCHELL.  
 5137—Supervision of household arts in schools. 2 points. Professor COOLEY.  
 5139—Teaching household arts in rural schools. 2 points. Professor SPOHR.  
 5140—Directing household arts in rural communities. 2 points. Professor SPOHR.

## INDUSTRIAL ARTS EDUCATION

- 5101—Industrial arts for the junior high school. 2 points. Mr. BOWMAN.

5143a—Industrial arts for primary grades. 2 points. Miss BENTLEY and Miss WELLES.

5143b—Industrial arts for intermediate grades. 2 points. Miss PATRICK and Miss HOUSE.

5144—Industrial arts for intermediate grades. 2 points. Miss PATRICK and Miss HOUSE.

5145—Theory and practice of teaching and supervising industrial arts in elementary schools. 2 points. Professor BONSER and Mrs. MOSSMAN.

5147—Theory and practice of teaching industrial arts in junior high schools. 2 points. Professor BONSER and Mr. BOWMAN.

5147x—Practice teaching supplementary to education 5147. 2 points.

#### MUSIC AND SPEECH

5161b—The teaching of school music. 2 points. Miss LATHAM.

5162a—The teaching of school music in years I–VI. 2 points. Miss LATHAM.

5167—The teaching of speech. 2 points. Professor LATHAM.

5168—The teaching of speech, advanced. 2 points. Professor LATHAM.

#### NURSING AND HEALTH

5170—Teaching of nursing principles and methods. 2 points. Professor STEWART.

5172—Administration of schools of nursing. 2 points. Professor GOODRICH.

5175—Administration and teaching in public health nursing. 2 points. Miss CRANDALL and Professor STEWART.

5175A—Teaching of occupation therapy. 2 points. Miss JOHNSON.

#### PHYSICAL EDUCATION

5183—Personal hygiene. 2 points. Professor WILLIAMS.

5189—Teaching of physical education. 2 points. Professor WILLIAMS and Miss COLBY.

5191—Administration of physical education. 2 points. Professor WILLIAMS.

5193—Dramatic expression in physical education. 2 points. Madame ALBERTI and Miss COLBY.

5195—Principles and methods of recreational leadership. 2 points. Professor RICHARDSON.

5196—Practice in scoutcraft. 2 points. Professor RICHARDSON.

### ELECTRICAL ENGINEERING

*See introductory paragraphs, page 72*

*Professor:* W. I. SLICHTER (*Executive Officer*).

*Associate Professor:* J. H. MORECROFT.

*Assistant Professors:* M. ARENDT, F. W. HEHRE.

*Instructors:* F. R. KELLER, F. L. MASON.

Professors M. I. PUPIN and A. P. WILLS of the Department of Physics give instruction in electro-mechanics to the electrical engineering students.

101—Elements of electrical engineering. 2 hours. Professor SLICHTER.

102—Electrical machinery. 2 hours. Professor MORECROFT.

103 or 104—Elements of alternating current engineering. 2 hours. Professors MORECROFT and ARENDT.

- 105—Alternating current engineering. 2 hours. Professor SLICHTER.  
 106—Alternating current machinery. 2 hours. Professor ARENDT.  
 107—Applications of electric machinery. 2 hours. Professor ARENDT.  
 108—Design of direct current machinery. C 3 hours, L 1 afternoon. Professor ARENDT.  
 109—Applications of electric machinery. 2 hours. Professor ARENDT. (For E. E. students only).  
 110—Electrical communication. 2 hours. Professor ARENDT.  
 112—Electric railways. 2 hours. Professor SLICHTER.  
 114—Electric plants. 2 hours. Professor SLICHTER and outside lecturers.  
 116—Design of alternating current machinery. C 2 hours, L 1 afternoon. Professor SLICHTER.  
 117 or 118—Direct current machine laboratory. C 1 hour, L 1 afternoon. Professor HEHRE and Mr. KELLER.  
 119 or 120—Alternating current machine laboratory. C 1 hour, L 1 afternoon. Professor MORECROFT and Mr. KELLER.  
 121 and 122—Direct current machine laboratory (for E. E. students only). C 3 hours, L 2 afternoons. Professor HEHRE.  
 123 and 124—Alternating current machine laboratory (for E. E. students only). C 3 hours, L 2 afternoons. Professor MORECROFT and Mr. KELLER.  
 125—Standardizing laboratory. C 1 hour, L 1 afternoon. Mr. MASON.  
 126—Illumination. C 1 hour, L 1 afternoon. Mr. MASON.  
 127s—Summer memoir. Professor ARENDT.

The following special courses are given to the U. S. Naval Officers pursuing graduate work at Columbia but are not open to others:

- |  |   |
|--|---|
| 151—Electrical communication.          | 172—Gas engine auxiliaries.               |
| 153—D. C. design.                      | 175-176—Machine laboratory (long course). |
| 154—A. C. design.                      | 178—Instrument laboratory.                |
| 155—A. C. engineering.                 | 201-202—Naval seminar.                    |
| 156—Electric motors (short course).    | 211-212—Radio engineering (long course).  |
| 157-158—Electric motors (long course). | 214—Radio engineering (short course)      |
| 171—Machine laboratory (short course). |   |

#### SUMMER SESSION

- s14—Radio telegraphy. 3 points. Professor MORECROFT.  
 s132—Electrical machine laboratory. 6 points. Professor HEHRE.

#### EXTENSION TEACHING

- e1—Elements of electrical engineering. 2 evenings a week first term. 3 points. Mr. KELLER.  
 e2—Principles of direct current machinery. 2 evenings a week second term. 3 points. Mr. KELLER and assistant.  
 e3—Elements of alternating currents. 2 evenings a week first term. 3 points. Professor HEHRE and assistants.  
 e4—Principles of alternating current machinery. 2 evenings a week second term. 3 points. Professor HEHRE and assistant.

*Equipment.* The offices, laboratories, museums, and lecture-rooms of the electrical engineering department are in the Engineering Building.

The laboratories located in the basement contain direct and alternating current machinery and apparatus. The various machines in these laboratories are, respectively,

examples of constant-potential generators, constant-current arc-lighting dynamos, many types of stationary and railway motors, and motor-dynamos. Complete sets of ampere, volt, and watt meters, speed indicators, transmission and absorption dynamometers are available for testing the various generators and motors.

The alternating current apparatus includes single-phase and polyphase generators, induction and synchronous motors, rotary converters, mercury arc rectifiers, and various types and sizes of transformers. Test boards and complete sets of alternating current measuring instruments and curve-tracing apparatus, such as an oscillograph and ondograph, are also provided.

The lecture-rooms are provided with an ample supply of electrical currents of different forms, and other facilities for experimental demonstrations. The museum contains collections of apparatus, models, and materials relating to electrical engineering.

The large instrument laboratory on the third floor contains various forms of galvanometers, ampere balances, potentiometers, standard cells and resistances, measuring apparatus, laboratory standard volt and ammeters, as well as the high-tension testing sets. A storage battery is provided for testing, calibration, and standardization purposes.

The photometric laboratory of this department is equipped with various forms of photometers for gas, arc, and incandescent lamp testing.

The library of the department is located on the ground floor of the Engineering Building and contains a carefully selected number of books and periodicals which are in frequent use as references while the main library contains books that are less frequently in demand.

## ENGLISH AND COMPARATIVE LITERATURE

*See introductory paragraphs, page 72*

*Professors:* F. T. BAKER, C. S. BALDWIN, W. T. BREWSTER, J. W. CUNLIFFE, J. ERSKINE, J. B. FLETCHER, V. C. GILDERSLEEVE, W. W. LAWRENCE, G. P. KRAPP, BRANDER MATTHEWS, G. C. D. ODELL, A. H. THORNDIKE (*Executive Officer*) and W. P. TRENT.

*Associate Professor:* G. A. HUBBARD.

*Assistant Professors:* A. ABBOTT, H. M. AYRES, D. S. FANSLER, F. A. PATTERSON, H. R. STEEVES, A. DeV. TASSIN, and E. H. WRIGHT.

*Associates:* C. VAN DOREN and M. F. WEEKS.

*Instructors:* O. S. COAD, R. F. DIBBLE, W. HALLER, C. M. HOWARD, J. W. KRUTCH, M. W. LATHAM, G. W. MEAD, E. E. NEFF, W. M. PATTERSON, E. STURTEVANT, and R. M. WEAVER.

*Lecturers:* R. W. BOLWELL and E. H. DAVIS.

*A1-A2*—English composition. 3 hours. 6 points. Professors ODELL, STEEVES, WRIGHT, Dr. COAD, Mr. BOLWELL, Mr. DIBBLE, Mr. KRUTCH, Mr. MEAD, Mr. NEFF, and Mr. WEAVER (Columbia College); Professor BALDWIN, Miss WEEKS, Dr. HALLER, Dr. HOWARD, Miss STURTEVANT, and Miss M. W. LATHAM (Barnard College).

*A4-A5*—English composition. 3 hours. 6 points. Professors ODELL, STEEVES, WRIGHT, Professor FANSLER, Mr. DIBBLE, and Dr. COAD (Columbia College).

English B—(Columbia College).

*B1-B2*—Advanced composition. 2 hours. 4 points. Dr. PATTERSON (W. M.).

*B3-B4*—Introduction to English literature. 3 hours. 6 points. Professor FANSLER, Dr. PATTERSON (W. M.), Mr. DIBBLE, and Mr. KRUTCH.

*B5-B6*—Survey of English literature. 2 hours. 4 points. Professor ERSKINE, Mr. DIBBLE, and Mr. MEAD.

*B7-B8*—Masterpieces of English poetry and prose. 2 hours. 4 points. Professors ERSKINE, FANSLER, Mr. NEFF, and Mr. KRUTCH.

*B9-B10*—Introduction to literature. 2 points. Professor FANSLER and Mr. DIBBLE.

*B11-B12*—English language. 4 points. Professor AYRES.

English *B*—(Barnard College).

*B1-B2*—Narrative. 3 hours. 6 points. Miss STURTEVANT.

*B3-B4*—Poetry. 3 hours. 6 points. Professor HUBBARD and Dr. HALLER.

*B5-B6*—Drama. 3 hours. 6 points. Miss M. W. LATHAM.

*B7-B8*—Survey of English literature. 3 hours. 6 points. Dr. HOWARD.

*B9-B10*—Journalistic writing. 3 hours. 6 points. Dr. HOWARD.

*B11-B12*—Composition. 3 hours. 6 points. Miss STURTEVANT.

*II1-II2*—Honors conference. Elizabethan and seventeenth century literature. Professor ERSKINE and Mr. NEFF.

*H3-H4*—Honors conference. Eighteenth century literature. Professor STEEVES.

*H5-H6*—Honors conference. Literature of the romantic period. Professor FANSLER.

*H7-H8*—Honors conference. Victorian literature. Professor FANSLER.

*1-2*—English composition. 3 hours. 6 points. Professor TASSIN (Columbia), Professor BREWSTER (Barnard).

*3*—Composition. 3 hours. 3 points. Professor BALDWIN (Barnard).

*5-6*—Voice Training. 2 points. Mrs. DAVIS (Barnard).

*7-8*—Vocal training and elocution. 3 hours. 6 points. Professor TASSIN (Columbia), Professor TASSIN (Barnard).

*11-12*—Public speaking. 3 hours. 6 points. Professor TASSIN (Columbia).

*17-18*—English modern literature. 2 hours. 4 points. Professor STEEVES (Columbia).

*19-20*—American literature. 2 hours. 4 points. Professor BRANDER MATTHEWS (Columbia), Professor BAKER (Barnard).

*21-22*—English literature from 1780 to 1830. 3 hours. 6 points. Professor ODELL (Columbia).

*23-24*—English literature from 1830 to 1890. 3 hours. 6 points. Professor HUBBARD (Barnard).

*25-26*—English literature from 1557 to 1660. 3 hours. 6 points. Professors ERSKINE and FANSLER (Columbia College), TRENT (Barnard).

*27-28*—English literature from 1660 to 1780. 3 hours. 6 points. Professor STEEVES (Columbia College), Professor TRENT (Barnard).

*29-30*—English literature from the earliest period to the Norman conquest. 3 hours. 6 points. Professor KRAPP (Barnard).

*31*—Chaucer. 3 hours. 3 points. Professor BALDWIN (Barnard).

*32*—English literature from 1400 to 1600. 3 hours. 3 points. Dr. HALLER (Barnard).

*35-36*—Shakespeare. 2 hours. 4 points. Professor LAWRENCE (Columbia); 3 hours. 6 points. Professor WRIGHT (Barnard).

*37-38*—English prose, including fiction. 2 hours. 2 points. Professor BREWSTER (Barnard).

*43-44*—Modern drama, with a discussion of the theory of playwriting. 4 points. Professor ODELL (Columbia).

*45-46*—English literary criticism. 2 hours. 2 points. Professor HUBBARD (Barnard).

*203*—The college teaching of English composition. 2 hours. Professor BALDWIN.

- 205-206—Principles of English usage. 2 hours. Professor KRAPP.  
 207-208—History of the English language. 2 hours. 16 points. Professor KRAPP.  
 215—Anglo-Saxon prose. 2 hours. 6 points. Professor AYRES.  
 218—Beowulf. 2 hours. 6 points. Professor LAWRENCE.  
 223-224—Introduction to medieval literature in England. 2 hours. 6 points. Professor LAWRENCE.  
 227-228—Chaucer. 2 hours. Professor AYRES.  
 229—English literature, 1400-1559. 2 hours. 3 points. Professor FLETCHER.  
 230—English literature, 1559-1625. 2 hours. 3 points. Professor FLETCHER.  
 231—English literature in the seventeenth century. 2 hours. 3 points. Professor ERSKINE.  
 237-238—English literature, 1832 to 1880. 2 hours. 6 points. Professor THORNDIKE.  
 251-252—The English drama from the beginning to 1642. 2 hours. 6 points. Professor THORNDIKE.  
 255-256—Modern drama. 6 points. Professor ODELL.  
 261—Dr. Johnson and his circle. 2 hours. 3 points. Professor WRIGHT.  
 267-268—American literature. 2 hours. 6 points. Professor VAN DOREN.  
 269-270—English literary criticism. 2 hours. 6 points. Professor BREWSTER.  
 301-302—Seminar—Problems in English language. 2 hours. 6 points. Professor KRAPP.  
 305-306—Seminar—Studies in the eighteenth century. 2 hours. 6 points. Professor TRENT.  
 307-308—Seminar—Studies in Victorian literature. 6 points. Professor THORNDIKE.  
 309-310—Seminar—Discussion of dissertations. Professors TRENT, FLETCHER, THORNDIKE, KRAPP, LAWRENCE, AYRES, and WRIGHT.

## TEACHERS COLLEGE

- A1-A2—Composition and English literature. 3 hours. 6 points. Professor ABBOTT, Dr. COOK, Miss DILLER, and Miss PATTON.  
 B1-B2—Composition and literature. 3 hours. 6 points. Dr. COOK, Miss HILL, and Mr. WYLIE.  
 71-72—Nineteenth-century writers. 2 hours. 4 points. Professor BAKER and Miss HILL.  
 75-76—Typical forms of literature. 2 hours. 4 points. Professor ABBOTT and Miss DILLER.  
 77-78—American literature. 2 hours. 4 points. Dr. COOK.

## COMPARATIVE LITERATURE

- 1-2—Greek and Latin classics in English translation. 3 hours. 6 points. Professor LOCKWOOD.  
 3-4—Masterpieces of European literature. 3 hours. 6 points. Mr. WEAVER.  
 5—Masterpieces of literature. 2 hours. 2 points. Mr. WEAVER.  
 271—Medieval heroic poetry. 2 hours. 3 points. Professor LAWRENCE.  
 276—Dante and medieval culture. 2 hours. 3 points. Professor FLETCHER.  
 281-282—The Renaissance in Europe: introductory course. 2 hours. 6 points. Dr. FISHER, Dr. H. O. TAYLOR, and Professor FLETCHER.  
 287-288—The romantic movement. 2 hours. 6 points. Professor WRIGHT.  
 293-294—Molière and the English Restoration comedy. 2 hours. 6 points. Professor BRANDER MATTHEWS.

SUMMER SESSION

- sA1*—English composition. 2 points. Professor NORTHUP and Mr. OSBORNE.  
*sA2*—English composition. 2 points. Professors STEEVES and HARRISON, Dr. W. M. PATTERSON, and Mr. DIBBLE.  
*sB7*—English literature and composition. 2 points. Mr. OSBORNE.  
*sB8*—English literature and composition. 2 points. Mr. DIBBLE.  
*sI*—Advanced composition. 2 points. Dr. HALLER.  
 (The course is limited to twenty-five students).  
*sI9*—American literature. 2 points. Professor HARRISON.  
*s21*—English literature from 1780 to 1830. 2 points. Professor ERSKINE.  
*s24*—English literature from 1830 to 1899. 2 points. Dr. HALLER.  
*[s25]*—English literature from 1557 to 1660; not given in 1915].  
*[s27]*—English literature from 1660 to 1780; not given in 1917].  
*s35*—Shakespeare. 2 points. Professor A. C. L. BROWN.  
*s39*—The development of English fiction. 2 points. Professor STEEVES.  
*s7*—Technique of voice and speech, and elementary vocal expression. 2 points. Mrs. DAVIS.  
*s11*—Public speaking. 2 points. Professor TASSIN.  
*s12*—Debating. 2 points. Professor LOSEY.  
*s13*—Reading. 2 points. Professor LOSEY.  
*s14*—Advanced course in reading. 2 points. Professor TASSIN.  
*s1B*—The technique of the short story. 4 points. Dr. WILLIAMS and Miss LONG.  
*s3a*—Dramatic composition. 4 points. Mr. HUGHES.  
*sW1*—English grammar. 2 points. Mr. DUNCAN.  
*sW2*—Elementary English composition. 2 points. Mr. DUNCAN.  
*esX*—College entrance English. 4 points. Dr. S. W. PATTERSON.  
*sY*—College entrance English. 4 points. Dr. S. W. PATTERSON.  
*sq*—Business English and commercial correspondence. 2 points. Mr. DUNCAN.  
*s203*—The college teaching of composition. 3 points. Professor BALDWIN.  
*s204*—The development of the theory of composition. 3 points. Professor BALDWIN.  
*s207*—History of the English language. 3 points. Professor KRAPP.  
*s215*—Anglo-Saxon prose. 3 points. Professor KRAPP.  
*s227*—Chaucer. 3 points. Professor A. C. L. BROWN.  
*s232*—English literature in the seventeenth century. Professor ERSKINE.  
*s233-234*—English literature in the eighteenth century. 6 points. Professor TRENT.  
*s235-236*—English literature, 1798-1832. 6 points. Professor WRIGHT.

COMPARATIVE LITERATURE

- s289*—Main currents in literary criticism. 3 points. Professor CHANDLER.  
*s293*—Contemporary European drama. 3 points. Professor CHANDLER.

EXTENSION TEACHING

- eA1-A2*—English composition. 6 points. Dr. WOLFF, Dr. BREWSTER, Dr. SCARBOROUGH, Mr. COAD, and Mr. FOLEY. Also in Brooklyn. Mr. LYON and Mr. KAYDEN.  
*eA3-A4*—English composition. 3 points. Dr. WOLFF.  
*eA9*—English composition. 6 points. Mr. CLARK.  
*eB1-B2*—English literature and composition. 4 points. Dr. WOLFF.  
*eB3-B4*—Introduction to poetry. 6 points. Dr. HALLER.  
*eB5-B6*—Survey of English literature. 4 points. Mr. DIBBLE.  
*eV1-V2*—Elementary English. 4 points. Miss DILLER.

- eW1-W2*—English grammar and composition. 6 points. Mr. DUNCAN.  
*eW4*—English grammar. 3 points. Mr. DUNCAN.  
*eW5*—English composition. 3 points. Mr. DUNCAN.  
*eX1-X2*—College entrance English. 6 points. Mr. DUNCAN.  
*eX4*—College entrance English. 3 points. Dr. GASTON.  
*eX5*—College entrance English. 3 points. Dr. GASTON.  
*eY1-eY2*—College entrance English. 6 points. Mr. DUNCAN and Mr. PECK.  
*eY4*—College entrance English. 3 points. Mr. PECK.  
*eY5*—College entrance English. 3 points. Mr. PECK.  
*eZ1-Z2*—English spelling. 2 points. Mr. DUNCAN.  
 Business English *e1-2*—, 6 points. Mr. DUNCAN.  
*e1a-2a*—English composition. Advanced. 3 points. Dr. WOLFF.  
*e1b-2b*—The short story. English composition. 6 points. Miss HULL.  
*e1c-2c*—The short story. English composition. Advanced. 6 points. Dr. WILLIAMS and Dr. SCARBOROUGH.  
*e1d-2d*—The short story. Second advanced course. 8 points. Dr. WILLIAMS and Dr. SCARBOROUGH.  
*e3a-4a*—Dramatic composition. 6 points. Dr. PATTERSON.  
*e5a-6a*—History and theory of literary criticism. 6 points. Dr. WOLFF.  
*e9-10*—Advanced course in oral reading. 4 points. Professor TASSIN.  
*e11a-12a*—Public speaking. 4 points. Mr. HALLIDAY.  
*e12b*—Public speaking. 4 points. Mr. LOSEY.  
*e13-14*—Elocution. 4 points. Mrs. DAVIS.  
*e15-16*—English prosody. 4 points. Mr. HOOKER.  
*e15a-16a*—English prosody. Advanced course. 8 points. Mr. HOOKER.  
*e17-18*—Modern literature. English and foreign. 4 points. Professor STEEVES.  
*e19-20*—The history of American literature. 4 points. Professor TUCKER.  
*e21-22*—English literature from 1780 to 1830. 4 points. Professor PATTERSON.  
 Also given in Paterson. 2 points.  
*e23-24*—English literature from 1830 to 1899. 4 points. Professor FANSLER.  
 Also given in Scranton. Professor WRIGHT. 2 points.  
*e35a-36a*—Shakespeare. 4 points. Professor TASSIN.  
*e41-42*—History of the English drama. 4 points. Mr. LYON.  
*e41a-42a*—Contemporary dramatic literature. 4 points. Mr. HAMILTON.  
*e35*—Elementary English. 1½ points. Miss MOORE. Given in Yonkers.  
*e207-8*—History of the English language. 6 points. Professor KRAPP.  
*e233-234*—English literature of the eighteenth century. 6 points. Professor TRENT.  
*e237-238*—English literature from 1832-1880. 6 points. Professor THORNDIKE.

## COMPARATIVE LITERATURE

Comp. Lit. 23-24—Masterpieces of European literature. 6 points. Mr. LYON.

*Equipment.* The George Rice Carpenter Library, located in Room 601, Hall of Philosophy, contains over 4,000 volumes. The library is established and maintained by friends of the late Professor CARPENTER, and is used as a departmental library for graduate students.

The library of the Brander Matthews Dramatic Museum occupies rooms adjoining the library, and contains some 5,000 volumes on the drama. In Room 306, Hall of Philosophy, are models of the theaters at different periods and many pictures illustrating the history of the stage.



## GEOLOGY

*See introductory paragraphs, page 72*

*Professors:* C. P. BERKEY (*Executive Officer*) and A. W. GRABAU.

*Associate Professors:* D. W. JOHNSON and I. H. OGILVIE.

*Instructors:* R. J. COLONY, J. J. GALLOWAY, F. K. MORRIS, and C. C. MOOK.

*Assistants:* G. J. MITCHELL and FLORRIE HOLZWASSER.

1-2—General geology. C 2 hours, L 2 hours. 6 points. Professors JOHNSON, BERKEY, and GRABAU.

4—Petrography. C 2 hours, L 2 hours. 2 points. Compare Mineralogy II. Professor BERKEY.

5-6—General geology. 3 hours. 6 points. Mr. MORRIS.

10—General Geology. C 2 hours, L 2 hours. 3 points. Professor BERKEY.

15—Elementary paleontology. C 1 hour, L 2 hours. 2 points. Dr. GALLOWAY.

19—Physical geography. C 2 hours, L 2 hours. 3 points. Professor JOHNSON.

20—Laboratory and field methods. C 2 hours, L 2 hours. 3 points. Professor BERKEY and Mr. MORRIS.

29—Map interpretation. 2 hours. 2 points. Professor JOHNSON.

31—General geology. 3 hours lectures. 1 afternoon laboratory or field. 4 points. Mr. COLONY.

32—Physiographic and applied geology. 2 hours lectures, 1 afternoon laboratory or field. 3 points. Mr. COLONY.

41—General geology. 2 hours lectures first half-year, first year for electrical engineers. Mr. COLONY. (Not given this year).

101—Applied petrography. C 2 hours, L 3 hours. 3 points. Professor BERKEY.

102—Petrography of the ores. C 2 hours, L 4 hours. 3 points. Professor BERKEY.

105-106—Economic geology. 3 hours. 6 points. With an additional hour for conference. Professor BERKEY and special lecturers.

107-108—Invertebrate paleontology. C 2 hours, L at least 4 hours. 10 points. Professor GRABAU and Dr. GALLOWAY.

110—Geological examinations and surveys—field methods and organization. 2 hours. 2 points. Professor BERKEY.

112s—Field geology—one week field work, and report upon the same, immediately at the close of the spring examinations. 2 points. Officers of the department.

115-116—North American index fossils. C 1 hour, L 3 hours. 6 points. Dr. GALLOWAY.

119—Physiography of the eastern United States. C 2 hours, L 4 hours. 5 points. Professor JOHNSON.

120—Rocks and soils. 3 points. Professor BERKEY. (Not given this year).

121—Physiography of the western United States. C 2 hours, L 4 hours. 5 points. Professor JOHNSON.

124—Glacial geology. C 2 hours, L 4 hours. 4 points. Professor OGILVIE.

129—Map interpretation. C 2 hours. 3 points. Professor JOHNSON.

151-(51)—Principles of geology. C 2 hours, L 4 hours or more. 3 points. Professor GRABAU.

152-(52)—Principles of geology. C 2 hours, L 4 hours or more. 3 points. Professor BERKEY.

175—Field geology in paleozoic rocks of eastern North America. 2 to 4 weeks in the summer. Professor GRABAU.

201-202—Petrology. *C* 2 hours, *L* at least 4 hours. 10 points. Professor BERKEY and Mr. COLONY.

205-206—Comparative geology of North America. *C* 3 hours, 4 hours reading and laboratory. 10 points. Professor GRABAU.

209-210—Comparative geology of Europe. *C* 2 hours, 4 hours laboratory and library work. 8 points. Professor GRABAU.

213-214—Fossil faunas of North America. *L* 10 hours. Conference by appointment. 8 points. Professor GRABAU.

301-302—Paleogeography of North America. Seminar. *C* 1 hour, *L* 6 hours to 2 days. 8 points. Professor GRABAU.

307-308—Research in areal, structural, economic, or physiographic geology. 6-12 points. Professor BERKEY.

311-312—Phylogeny of a special group of invertebrates. Research course. 6-12 points. Professor GRABAU.

315-316—Stratigraphy. Research course. 6-12 points. Professor GRABAU.

319-320—Physiographic geology or geography. Research course. 6-12 points. Professor JOHNSON.

#### BARNARD COLLEGE

B1-2—General geology. Elementary course. *C* 2 hours, *L* 4 hours. 8 points. Professor OGILVIE, Dr. MOOK, and Miss HOLZWASSER.

B5-6—Economic geology. 2 hours. 4 points. Professor OGILVIE and Dr. MOOK.

B17—Glacial geology and physiography. 2 hours. 2 points. Professor OGILVIE.

B19—Physiographic geology. *C* 1 hour, *L* 2 hours. 2 points. Professor OGILVIE and Miss HOLZWASSER.

B20—Historical geology. *C* 1 hour, *L* 2 hours. 2 points. Dr. MOOK and Miss HOLZWASSER.

B21-22—Paleontology. *C* 1 hour, *L* 6, 8, or 12 hours. 4, 6, or 8 points. Dr. MOOK and Miss HOLZWASSER.

B23-24—Local geology of New York. 2 points. Professor OGILVIE.

B113—Summer field course—two weeks in the field and subsequent preparation of a report. 4 points. Professor OGILVIE.

B115-116—Paleontology. *C* 1 hour, *L* to be arranged. 2 half or 2 full courses. Professor OGILVIE and Dr. MOOK.

B124—Glacial geology and advanced physiography. 2 points. Professor OGILVIE.

B125-126—General geology. Advanced course. Professor OGILVIE.

B133-134—Vertebrate paleontology. 6 points. Dr. MOOK.

#### SUMMER SESSION

s1-s1a—General geology. 2 or 3 points. Mr. MORRIS.

s2-s2a—Elementary historical geology. 3 points. Mr. MORRIS and Dr. GALLOWAY.

s12—Elementary. Field geography. 3 points. Dr. GALLOWAY.

s25—Physical geography and its economic aspects. 3 points. Professor JOHNSON and Mr. LEHNERTS.

s29—Geographic delineation and map interpretation. 2 points. Mr. LEHNERTS.

s119—Physiography of eastern United States. 3 points. Professor JOHNSON.

s117—Field work in physiography. 3 points. Professor JOHNSON and Mr. LEHNERTS.

s118—The geography of New York State. 3 points. Professor BRIGHAM.

s121—Physiography of western United States. 3 points. Professor JOHNSON.

s175-175a—Stratigraphic geology. Field work in New York State. 2 or 4 points. Professor GRABAU. (Not given this year).

## EXTENSION TEACHING

- e1—General geology—introductory. 3 points. Mr. MORRIS.  
 e2—Historical geology. 3 points. Dr. GALLOWAY.  
 e3—Lithology. 3 points. Mr. COLONY.  
 e25—Physical geography of the atmosphere and oceans. 3 points. Mr. MORRIS.  
 e26—Physical geography of the lands. 3 points. Mr. MORRIS.

EQUIPMENT: *Geological Laboratories*—The Geological Laboratories, Lecture-room, and museum are found in Schermerhorn Hall. They contain the collections and laboratory in invertebrate paleontology and stratigraphic geology, the collections in economic and inorganic geology and the departmental library. The laboratory in 402 contains collections illustrative of the different kinds of rocks, which are adapted to conferences in the course of general geology. There is also a much larger series of rocks, embracing nearly all the rare species and structures, which is used for advanced work in microscopic petrography and petrology. Parallel series of thin sections are provided for these, as are microscopes and other necessary apparatus for study, instruction, and investigation.

There are study collections accessible to the students, which illustrate the various geological formations and index fossils, and which are used in the lectures and conferences on stratigraphical and historical geology. A very complete series illustrating the ore deposits, associated geological formations, and useful minerals of North America is similarly employed in the lectures on economic geology.

For the physiographic work a large collection of mounted maps, including grouped sheets of various state and national surveys, is used. An excellent series of large wall maps and most of the sheets of the different countries of Central Europe are now available. Topographic and geologic maps of other foreign countries are being added as opportunity offers. A classified series of mounted photographs of landforms, accompanied by descriptive text, is made the basis of a part of the laboratory study.

The collection of fossil fishes is now deposited in the American Museum of Natural History, where the instruction in this subject is given by Professor DEAN of the Department of Zoology.

The collections in fossil botany and the paleobotanical books belonging to the University are now deposited in the New York Botanical Garden, where the instruction in this branch is given.

By arrangement with the American Museum of Natural History, advanced students in the University receive special privileges in its collections, which contain a wealth of geological and paleontological material specially adapted to comparative studies in connection with investigations.

## GERMANIC LANGUAGES AND LITERATURES

*See introductory paragraphs, page 72*

*Professors:* W. H. CARPENTER, W. A. HERVEY, and CALVIN THOMAS (*Executive Officer*).

*Associate Professors:* E. W. BAGSTER-COLLINS, W. A. BRAUN, and A. F. J. REMY.

*Assistant Professors:* F. W. J. HEUSER and H. H. L. SCHULZE.

*Instructors:* M. G. BACH, J. M. GRAY, F. W. SCHOLZ.

*Lecturers:* H. W. PUCKETT and L. GREGORY.

*Assistant:* M. W. WATSON.

## GERMAN

*B1-B2*—Intermediate course. 3 hours. 6 points. Professor SCHULZE, Mr. GRAY, and Mr. SCHOLZ (Columbia); (designated 3-4), Dr. PUCKETT, Miss GREGORY, and Miss WATSON (Barnard); Mr. M. G. BACH (Teachers College).

*B5-B4*—Intermediate course. Equivalent to *B1-B2*. 3 hours. 6 points. Mr. SCHOLZ.

*BO1-BO2* or *BO4-BO5*—Intermediate course. Oral drill. 2 hours. 2 points. Professor HEUSER, Mr. GRAY, and Mr. SCHOLZ.

*E1-E2*—Readings in science. 3 hours. 6 points. Professor SCHULZE and Mr. GRAY.

*H1-H2*—Honors conference. 2 hours. 4 points. Professors HERVEY, HEUSER, and SCHULZE.

*H3-H4*—Honors conference. 2 hours. 4 points. Professors HERVEY, HEUSER, and THOMAS.

*J1-J2*—Journalistic German. Intermediate course. 3 hours. 6 points. Professor HEUSER.

*J3-J4*—Journalistic German. Advanced. 3 hours. 6 points. Professor SCHULZE.

*B91-B92*—Business German. 4 hours. 8 points. Mr. SCHOLZ.

*3-4*—Speaking and writing German. Intermediate course. 2 hours. 4 points. Professor HEUSER (Columbia); (designated 3a-4a). Miss GREGORY (Barnard).

*5-6*—Selected works of Goethe, Schiller, and Lessing. 3 hours. 6 points. Professors HERVEY, SCHULZE, and Mr. GRAY (Columbia); Professors BRAUN and Dr. PUCKETT (Barnard).

*8*—Modern German prose. 3 hours. 3 points. Professor HERVEY (Columbia); *7-8*. 3 hours. 6 points. Dr. PUCKETT (Barnard).

*9-10*—Advanced practice course. 2 hours. 4 points. Professor BRAUN (Barnard).

*11-12*—Composition and colloquial practice. Advanced course. 2 hours. 4 points. Professor HEUSER (Columbia); (colloquial practice only). Miss GREGORY (Barnard).

*13-14* or *13a-14a*—Nineteenth-century drama, Kleist and Grillparzer, 2 or 3 hours. 4 or 6 points. Professor HEUSER.

*[15-16* or *15a-16a*—Nineteenth-century drama, Hebbel and Hauptmann. 2 or 3 hours. 4 or 6 points. Professor HEUSER.]

*17-18*—Life and works of Goethe. 3 hours. 6 points. Professor HERVEY.

*[19-20*—Life and works of Schiller. 3 hours. 6 points. Professor HERVEY.]

*21-22*—Nineteenth-century fiction. Keller, Storm, Meyer, Freytag, Sudermann. 2 hours. 4 points. Professor SCHULZE.

*25-26*—Selected dramas of the nineteenth century. 2 hours. 4 points. Professor BRAUN (Barnard).

*27-28*—Lyric and Novelle. 3 hours. 6 points. Dr. PUCKETT (Barnard).

*37-38*—History of German literature. 2 hours. 4 points. Professor BRAUN (Barnard).

*39-40*—Goethe's *Faust*. First and Second Parts. 2 hours. 4 points. Professor THOMAS (Barnard).

*53-54*—Educational German. 2 hours. 4 points. Professor BAGSTER-COLLINS (Teachers College).

*61 (101)-62 (102)*—History of German literature from the earliest times to the end of the eighteenth century. 3 hours. 6 points. Professor THOMAS.

*63 (103)-64 (104)*—Goethe's *Faust*. 2 hours. 6 points. Professor HERVEY.

*107-108*—History of the German language and the German of today. 2 hours. 6 points. Professor REMY.

*111*—Die Sagenwelt Richard Wagners. 2 hours. 3 points. Professor REMY.

*116*—Germanische Mythologie. 2 hours. 3 points. Professor REMY.

- 120—The Storm and Stress period. 2 hours. 3 points. Professor HERVEY.  
 141-142—Phonetics. 2 hours. 6 points. Professor BAGSTER-COLLINS (Teachers College).  
 144—Modern German Syntax. 2 hours. 3 points. Professor BAGSTER-COLLINS (Teachers College).  
 201—Proseminar. Lessing. 3 points. Professor THOMAS.  
 202—Proseminar. Goethe. 3 points. Professor THOMAS.  
 203—Proseminar. Schiller. 3 points. Professor HERVEY.  
 204—Proseminar. Grillparzer. 3 points. Professor HEUSER.  
 228—Old High German and Old Saxon. 3 hours. 3 points. Professor REMY.

#### GOTHIC

- 227—The Gothic language; lectures and texts. 3 hours. 3 points. Professor REMY.

#### GERMANIC PHILOLOGY

- 206—Special investigations, seminar method. 2 hours. 3 points. Professor REMY.

#### GERMANIC SEMINAR

- 301—The Nibelungenlied. 2 hours. 3 points. Professor REMY.  
 302—The eighteenth-century novel in Germany. 2 hours. 3 points. Professor THOMAS.

#### SCANDINAVIAN

- 221-222—Elementary and advanced Icelandic. 2 hours. 6 points. Professor REMY.

#### EDUCATION

- 127-128—Methods of teaching German. 2 hours. 6 points. Professor BAGSTER-COLLINS (Teachers College).  
 327-328—Practicum. 2 hours. 6 points. Professor BAGSTER-COLLINS (Teachers College).

#### SUMMER SESSION

- sA1—Elementary course. 2 points. Messrs. EYSTER, GRAY, and PUCKETT.  
 sA2—Elementary reading. 2 points. Messrs. EYSTER and PUCKETT.  
 sA3—Supplementary course. 2 points. Mr. M. G. BACH.  
 sB1—Intermediate course. First Part. 2 points. Mr. GRAY.  
 sB2—Intermediate course. Second Part. 2 points. Dr. BETZ.  
 sE2—Readings in science. 3 points. Mr. SCHOLZ.  
 s3—Composition and oral practice. Intermediate course. First Part. 2 points. Mr. M. G. BACH.  
 s4—Composition and oral practice. Intermediate course. Second Part. 2 points. Mr. SCHOLZ.  
 s5-6—Introduction to the classics. Selected works of Goethe, Schiller, and Lessing. 4 points. Dr. PORTERFIELD.  
 27—Modern German prose. Rapid reading from recent historians, novelists, and critics. 2 points. Professors BRAUN and SCHULZE.  
 s11—Composition and oral practice. Advanced course. First Part. 2 points. Dr. BETZ.  
 s12—Composition and oral practice. Advanced course. Second Part. 2 points. Professor SCHULZE.

*s101*—History of German literature from the earliest times to the Reformation. 2 points. Professor BRAUN.

*s102*—History of German literature from the Reformation to the rise of the Romantic School. 2 points. Professors FIFE and BRAUN.

*s103-104*—Goethe's *Faust*. 2 points. Professor HERVEY.

*s105*—German literature in the nineteenth century (to 1871). 3 points. Dr. PORTERFIELD.

*s106*—Deutsche Literatur seit der Gründung des neuen Reichs. 3 points. Dr. BÖHME.

[*s107*—History of the German language. 3 points. Professor REMY.]

*s108*—The German of today. 2 points. Professor REMY.

*s136*—Nietzsche und seine Vorläufer. 3 points. Dr. BÖHME.

*s137*—Heine and Young Germany. 3 points. Professor FIFE.

*s141*—Phonetics. 2 points. Professor BAGSTER-COLLINS.

*s147*—Deutsche Stilübungen und Wortstudien. 3 points. Professor HEUSER.

*s202*—Proseminar. Schiller. 3 points. Professor HERVEY.

*s207*—Proseminar. Hebbel. 3 points. Professor HEUSER.

#### EXTENSION TEACHING

*eA1-A2*—Elementary course. 8 points. Dr. BÖHME and Professor HEUSER.

*eA3-A4*—Elementary course. Equivalent to *eA1*. 4 points. Mr. M. G. BACH.

*eA8*—Elementary course. 4 points. Mr. GRAY.

*eA9*—Elementary course. 4 points. Mr. GRAY.

*eA11-A12*—Shorter elementary course. 6 points. Dr. BÖHME.

*eA14*—Shorter elementary course. 3 points. Dr. BÖHME.

*eB1-B2*—Intermediate course. 8 points. Mr. SCHOLZ.

*eB3-B4*—Intermediate course. Equivalent to *eB1*. 4 points. Dr. BÖHME.

*eB11-B12*—Shorter intermediate course. 6 points. Dr. BÖHME.

*eB14-B15*—Shorter intermediate course. 6 points. Professor SCHULZE.

*eE1-E2*—Readings in science. 6 points. Mr. SCHOLZ.

*E4*—Readings in science. 3 points. Mr. SCHOLZ.

*eJ1-J2*—Readings in newspapers and magazines. 3 points each session. Dr. BÖHME.

*e3-4*—Composition and oral practice. Intermediate course. 3 points. Mr. BACH.

*e3a-6a*—Introduction to the classics. Selected works of Goethe, Schiller, and Lessing. 4 points. Professor HERVEY.

*e11-12*—Composition and oral practice. Advanced course. 3 points. Dr. BÖHME.

*e101-102*—History of German literature. 2 hours. 4 points. Professor BRAUN.

*103-104*—Goethe's *Faust*. 2 hours. 6 points. Professor THOMAS.

*e147*—Deutsche Stilübungen und Wortstudien. 2 hours. 3 points. Professor HEUSER.

*Equipment.* The University Library offers excellent facilities for the study of German, both on the literary and the linguistic side. The Scandinavian collection contains a good representation of the ancient saga and poetical literature, and most of the eminent writers of modern Norway, Denmark, and Sweden. The Holland Society library, deposited with the University in 1901, contains a considerable collection of books and pamphlets in the Dutch language from all periods.

The Library has sets and the current numbers of all the important periodicals which deal with Germanic literature and Germanic and general philology. It has also sets of periodicals no longer published, and a large collection of the transactions and publications of the learned societies of America and Europe.

A reference library of 2,000 volumes, containing the most important material for the critical study of the Germanic languages and literatures and independent of the main collection in the University Library is placed in a room adjacent to the lecture-room and offices of the department in Philosophy Hall. A similar library of about 500 volumes is maintained in Hamilton Hall for the use of advanced college students.

The income of the Carl Schurz Library Fund (\$10,000), contributed by citizens of New York in commemoration of the seventieth birthday of Carl Schurz, is, by the terms of the gift, devoted in perpetuity to the purchase of books in the field of the German language and literature.

For the Carl Schurz Fellowship in the German Language and Literature, see index.

*Germanic Club.* The Germanic Club is an organization founded in 1902 for the purpose of reviewing and discussing important contributions to recent scholarship in the Germanic field. The Club consists of the officers, fellows, and scholars of the department. Meetings are held monthly.

GREEK (See page 91)

## GYNECOLOGY

*See introductory paragraphs, page 72*

*Professor:* E. B. CRAGIN (*Executive Officer*).

*Professors of Clinical:* P. F. CHAMBERS, F. R. OASTLER, and H. C. TAYLOR.

*Assistant Professor:* W. WARD.

*Instructors:* C. I. PROBEN, D. R. AYRES, J. A. CORSCADEN, R. C. VAN ETEN, WARREN HILDRETH, and EDWIN A. CAMERON.

Courses 211-212, 213-214, and 215-216 are open to graduates in medicine.

201—Recitations and demonstrations in gynecology. 1 hour. Professor WARD.

202—The principles and practice of gynecology. 2 hours. Professor CRAGIN.

203-204—Clinic in operative gynecology. (Sloane Hospital for Women). 4 hours. Professor CRAGIN.

205-206—Demonstration of patients convalescing from gynecological operations and of specimens removed. (Sloane Hospital for Women). 6 hours. Dr. CAMERON.

207-208—Practical instruction in gynecological diagnosis. (Vanderbilt Clinic). 3 hours. Drs. PROBEN, WILLIAMS, AYERS, LYON, VAN ETEN, and CUTLER.

209-210—Practical instruction in the Roentgen Ray treatment of metrorrhagia and fibromyomata. At the Presbyterian Hospital. Dr. CORSCADEN.

211-212—Clinic in operative gynecology. (Lincoln Hospital). 1 hour. Professor OASTLER.

213-214—Clinic in operative gynecology. (Women's Hospital). 1 hour. Professor CHAMBERS.

215-216—Clinic in operative gynecology. (Roosevelt Hospital). 1 hour. Professor TAYLOR.

## HISTORY

*See introductory paragraphs, page 72*

*Professors:* G. W. BOTSFORD, W. A. DUNNING (*Executive Officer*), C. D. HAZEN, H. JOHNSON, H. L. OSGOOD, J. H. ROBINSON, W. R. SHEPHERD, and J. T. SHOTWELL.  
*Associate Professors:* D. S. MUZZEY and C. J. H. HAYES.

*Assistant Professors:* R. L. SCHUYLER, B. B. KENDRICK, and M. A. HUTTMANN.

*Associate:* E. J. PUTNAM.

*Instructors:* A. P. EVANS, D. R. FOX, P. T. MOON, and W. T. MORGAN.

*Lecturers:* H. E. BARNES, W. E. CALDWELL, H. J. CARMAN, and F. R. FLOURNOY.

*Assistants:* A. G. RUHL and A. P. N. WALLER.

A1-A2—A survey of modern European history. 3 hours. 6 points. Professors HAYES, SCHUYLER, KENDRICK, Dr. EVANS, Dr. MORGAN, Dr. FOX, Mr. MOON, Mr. BARNES, Mr. CALDWELL, and Mr. CARMAN (Columbia).

A1-A2—Epochs of European history. 3 hours. 6 points. Professors MUZZEY and HUTTMANN (Barnard).

A4-A5—Epochs of European history. 3 hours. 6 points. Dr. MORGAN (Columbia)

A7-A8—Foundations of European civilization. 3 hours. 6 points. Dr. EVANS, Mr. CALDWELL, and Mr. BARNES (Columbia).

A9-A10—A survey of American history. 3 hours. 6 points. Professor SCHUYLER and Dr. FOX (Columbia).

H1—Special topics in earlier national history of the United States. Professor SCHUYLER.

H2—Special topics in later American history. Professor KENDRICK.

H3-H4—Special topics in modern European history. Professor HAYES.

[3-4—Greece and early Italy. 3 hours. 6 points. Professor BOTSFORD and Mr. CALDWELL (Barnard).]

5-6—The Roman empire. Mr. CALDWELL (Barnard).

9-10—Modern European history, with special reference to the development of France. 4 points. Professor MUZZEY (Barnard).

11-12—English history, with special reference to the history of continental Europe. 3 hours. 6 points. Dr. HUTTMANN (Barnard).

12—The formation of the English constitution. 3 hours. 3 points. Professor SCHUYLER (Columbia).

13-14—History of the United States. 2 hours. 4 points. Professors SCHUYLER and KENDRICK (Barnard).

15-16—History of the United States since 1870 with special reference to economic and social conditions. 2 hours. 4 points. Professor MUZZEY (Barnard).

17—Political and social history of the United States, 1828-1876. 3 hours. 3 points. Professor KENDRICK.

18—Recent American history since 1876. 3 hours. 3 points. Professor KENDRICK.

19-20—Contemporary European history. 3 hours. 6 points. Mr. BARNES (Barnard).

19—Imperialism and world-politics in the nineteenth and twentieth centuries. 3 hours. 3 points. Mr. MOON and Mr. BARNES (Columbia).

20—Political and social aspects of the war. 3 hours. 3 points. Mr. FLOURNOY (Columbia).

21—Social history of Europe in the nineteenth and twentieth centuries. 3 hours. 3 points. Professor HAYES (Columbia).

22—Political history of Europe since 1889. 3 hours. 3 points. Professor HAYES (Columbia).



71-72—The history of the intellectual class in Europe. 3 hours. Professor ROBINSON and Dr. FOX (Columbia).

73—Greek and Roman theories of life and conduct. 2 hours. 2 points. Mrs. PUTNAM (Barnard).

119-120—The Roman empire, political, social, and intellectual. 3 points. Professor BOTSFORD and Mr. CALDWELL.

121-122—The history of the intellectual class in Europe. 2 hours. Professor ROBINSON.

123—Greece from Pericles to Alexander. 2 hours. 3 points. Professor BOTSFORD and Mr. CALDWELL.

127—Economic history. 2 hours. Professor SIMKHOVITCH.

145-146—Social and industrial history of the United States. 2 hours. 3 points. Professor GAMBRILL (Teachers College).

159—History of socialism. 2 hours. Professor SIMKHOVITCH.

161—The formation of the American constitutional system. 2 hours. Professor BEARD and Mr. COKER.

162—The development of the American constitutional system. 2 hours. Mr. COKER.

166—History of American diplomacy. 2 hours. 3 points. Mr. MUNRO.

169-170—The expansion of Europe. 2 hours. 6 points. Professor SHEPHERD.

175—The United States and Latin America. 2 hours. 3 points. Professor SHEPHERD.

161-162—General history of philosophy. 3 hours. Professor WOODBRIDGE.

194—The teaching of history in secondary schools. 2 hours. 3 points. Professor JOHNSON (Teachers College).

195—The teaching of government in elementary and secondary schools. 2 hours. Professor JOHNSON (Teachers College).

332a—The teaching of history in normal schools. 2 hours. 3 points. Professor JOHNSON (Teachers College).

211C—Illustrative lessons in history. 3 hours. 2 points. Professor JOHNSON (Teachers College).

201—Administrative and social conditions in the Hellenistic Orient. Professor BOTSFORD.

217-218—Special studies in the history of Greece and Rome. 2 hours. 3 points. Professor BOTSFORD.

[219—Later Roman Empire and early middle ages. Professor SHOTWELL.]

221—Advanced course in the intellectual history of Europe during the Greek, Roman, and mediæval periods. 2 hours. 3 points. Professor ROBINSON.

[223—Primitive institutions, paganism, and Christianity. 2 hours. Professor SHOTWELL.]

225—Europe during the twelfth and thirteenth centuries. Dr. EVANS.

228—The reforms of the French revolution. 2 hours. 3 points. Professor MUZZEY.

229a—General church history. Period I; The ancient church to 590 A. D. 6 points. Professor MCGIFFERT (Union Theological Seminary).

[231—History of Christian thought. I. (In primitive and Catholic church.) 3 points. Professor MCGIFFERT (Union Theological Seminary).]

[232—History of Christian thought. II. (From Reformation to present day.) 3 points. Professor MCGIFFERT (Union Theological Seminary).]

235—History of religion in the Hellenistic period. 2 hours. 3 points. Professor TRYON (Union Theological Seminary).

236—Early Christianity and contemporary religion. 2 hours. 3 points. Professor TRYON (Union Theological Seminary).

[237—Readings in the early fathers. 2 hours. Professor TRYON (Union Theological Seminary).]

[238—History of early Christian literature. 2 hours. Professor TRYON (Union Theological Seminary).]

[240—The Protestant revolt. Professor ROCKWELL (Union Theological Seminary).]

[Medieval church history, 590–1517 A. D. 2 hours. Professor ROCKWELL (Union Theological Seminary).]

242—American Church history. 2 hours. 3 points. Professor ROCKWELL.

243—English church history. I. (Before the Reformation.) 3 points. Professor ROCKWELL (Union Theological Seminary).

244—English church history. II. (Reformation and post-reformation periods.) 3 points. Professor MCGIFFERT (Union Theological Seminary).

[245—European church history, 1789–1916. 2 hours. Professor ROCKWELL (Union Theological Seminary).]

247—The church during the first three centuries. 3 hours. 3 points. Professor JENKS (General Theological Seminary).

248—The church from the council of Nicaea to Charlemagne. 3 hours. 3 points. Professor JENKS (General Theological Seminary).

249—The church of England, 1850–1900. 2 hours. Professor JENKS (General Theological Seminary).

250—The church from Charlemagne to modern times. 3 hours. 3 points. Professor JENKS (General Theological Seminary).

252—The elements of Latin paleography with reference to the use of historical sources. Professor ROCKWELL (Union Theological Seminary).

[253—The history and sources of European history. 2 hours. Professor SHOTWELL.]

254—History of Christian education, with reference to current problems. 2 hours. Professor ROCKWELL (Union Theological Seminary).

[255—Social evolution: ethnic and civil origins. 2 hours. Professor GIDDINGS.]

256—Social evolution, liberty, and democracy. 2 hours. Professor GIDDINGS.

257—The evolution of progressive society. 2 hours. Professor GIDDINGS.

258—Evolution of progressive society. 2 hours. Professor GIDDINGS.

260—Radicalism and social reform in the nineteenth century. 2 hours. Professor SIMKHOVITCH.

261—American colonial history during the seventeenth century. Professor OSGOOD.

263–264—American colonial history during the eighteenth century. 2 hours. 3 points. Professor OSGOOD.

266—Political and social history of the United States since 1876. 2 hours. 3 points. Professor KENDRICK.

267—The United States from 1850 to 1865. Professor DUNNING.

[268—The United States after the Civil War. Professor DUNNING.]

271—Political history of continental Europe from the Peace of Westphalia to the close of the Seven Years' War. 2 hours. 3 points. Professor HAZEN.

272—Political history of continental Europe since the Seven Years' War. 2 hours. 3 points. Professor HAZEN.

[273—Spanish colonization in the United States, 1513–1821. Professor SHEPHERD.]

[275—Spanish colonization in Central and South America. Professor SHEPHERD.]

276—National development in Central and South America. 2 hours. 3 points. Professor SHEPHERD.

277—The rise of democracy in France. Part I. 2 hours. Professor HAZEN.

278—The rise of democracy in France. Part II. 2 hours. Professor HAZEN.

- 279—General history of modern political theories. 2 hours. Professor DUNNING.  
 [281—American political philosophy before 1850. 2 hours. Professor DUNNING.]  
 [282—American political philosophy since 1850. 2 hours. Professor DUNNING.]  
 283—The making of the German Empire. 2 hours. 3 points. Professor HAYES.  
 284—The political and social evolution of the German Empire since 1880. 2 hours.  
 3 points. Professor HAYES.  
 [285—286—British social politics since 1867. 2 hours. 6 points. Professor HAYES.]  
 293—294—Practicum. The literature of American history. 4 points. 2 hours.  
 Professor JOHNSON (Teachers College).  
 311—312—Seminar in Greek and Roman history. 2 hours. 3 points. Professor  
 BOTSFORD and Mr. CALDWELL.  
 [313—314—Seminar in early church history. 2 hours. Professor MCGIFFERT (Union  
 Theological Seminary).]  
 315—Historical bibliography, with special reference to medieval and ecclesiastical  
 sources. 2 hours. 3 points. Professor ROCKWELL (Union Theological Seminary).  
 316—Historical training class: Methods of research. 2 hours. 3 points. Professor  
 ROCKWELL (Union Theological Seminary).  
 317—318—Historical seminar: The continental reformation, with special reference  
 to social, intellectual, and religious movements. 3 points. Professor ROCKWELL  
 (Union Theological Seminary).  
 320—Religious thought in France in the eighteenth century. 2 hours. Professor  
 MCGIFFERT (Union Theological Seminary).  
 322—Development of rationalism in Europe. 2 hours. 3 points. Professor ROBIN-  
 SON.  
 [356—Seminar in the history and the interpretation of history. Professor SHOTWELL.]  
 361—The American revolution. 3 points. Professor OSGOOD.  
 363—364—Seminar in American colonial history. 1 hour. 3 points. Professor  
 OSGOOD.  
 367—Seminar in later United States history. 2 hours. Professor DUNNING.  
 369—Oversea influence on Western Europe. 2 hours. 3 points. Professor SHEP-  
 HERD.  
 370—European and Asiatic in modern civilization: the expansion of Japan. 2 hours.  
 3 points. Professor SHEPHERD.  
 371—Seminar in the history of continental Europe. 3 points. Professor HAZEN.

## SUMMER SESSION

- sX1—American history. 2 points. Mr. CALDWELL.  
 sX2—Ancient history. 2 points. Mr. CALDWELL.  
 sA1—The foundations of modern Europe. 2 points. Professor KENDRICK.  
 sA2—Modern and contemporary European history. 2 points. Dr. FOX and Dr.  
 MORGAN.  
 sA9—A survey of American history to 1789. Dr. FOX.  
 s101—The Ancient Orient. 3 points. Professor ROGERS.  
 s103—Greek history to the end of the Peloponnesian War. 3 points. Professor SILL.  
 s105—Roman history to the end of the Republic. 3 points. Professor SILL.  
 s107—The Hebrews. 3 points. Professor ROGERS.  
 s111—Introduction to church history in the first six centuries. 3 points. Professor  
 F. J. E. JACKSON.  
 s113—The historical background of New Testament times. 3 points. Professor  
 F. J. E. JACKSON.  
 s115—The middle ages. 3 points. Professor J. F. BALDWIN.

*s123*—The Protestant revolt and the wars of religion 1517–1648. 3 points. Professor OGG.

*s125*—The development of modern France. 3 points. Professor MUZZEY.

*s129*—European history 1815–1870. 3 points. Dr. SCHAPIRO.

*s131*—The constitutional history of England to the seventeenth century. 3 points. Professor J. F. BALDWIN.

*s141*—The American colonies to 1763. 3 points. Professor N. P. MEAD.

*s143*—The United States 1815–1850. 3 points. Professor MUZZEY.

*s145*—The United States 1876–1914. 3 points. Professor KENDRICK.

*s147*—The history of Latin America. 3 points. Professor COX.

*s157*—The expansion of Europe, to the close of the eighteenth century. 3 points. Professor OGG.

*s161*—Nationalism and democracy in Europe since 1870. 3 points. Professor SCHAPIRO.

*s327*—Seminar in American history; territorial and diplomatic problems. 3 points. Professor COX.

#### EXTENSION TEACHING

*eX1*—American history. 3 points. Mr. FLOURNOY.

*eX2*—American history. 3 points. Mr. FLOURNOY.

*eX3*—Ancient history. 3 points. Mr. FLOURNOY.

*eX4*—Ancient history. 3 points. Mr. FLOURNOY.

*eA1*—The foundations of modern Europe. 3 points. Professor KENDRICK and Dr. EVANS.

*eA2*—Modern and contemporary history. 3 points. Professor KENDRICK and Dr. EVANS.

*eA4*—The foundations of modern Europe. 3 points. Dr. MORGAN and Mr. SMITH.

*eA5*—Modern and contemporary history. 3 points. Dr. MORGAN.

*eA9*—The formation of the United States. 3 points. Mr. FOX.

*eA10*—The development of American nationality. 3 points. Mr. FOX.

*e11-12*—The history of England. 4 points. Professor SCHUYLER.

*e19-20*—Contemporary events. 4 points. Professor SCHAPIRO.

*e109*—The ancient Orient. 3 points. Professor ROGERS.

*e110*—The Hebrew people. 3 points. Professor ROGERS.

*e125*—History of Russia. 3 points. Professor ROGERS.

*e126*—History of the Balkan States, and of Poland and other non-Russian Slavonic areas. 3 points. Professor PRINCE.

*e149-150*—The development of modern France. Professor MUZZEY.

*e153*—Social history of Europe in the nineteenth and twentieth centuries. 2 points. Professor HAYES.

*e154*—Political history of Europe since 1880. 2 points. Professor HAYES.

*e177-178*—Latin America. 2 hours. 6 points. Professor SHEPHERD.

#### JOURNALISM

*See introductory paragraphs, page 72*

*Professor:* T. WILLIAMS.

*Assistant Professor:* ROSCOE C. E. BROWN.

*Associates:* R. E. MACALARNEY, E. E. SLOSSON, A. A. ATWOOD, and W. T. GRADY.

*A1-A2*—Practice in writing newspaper supplement articles and others covering the miscellaneous needs of a newspaper. 3 hours. 3 points. Professor PITKIN and Mr. BROWN.

- B1-B2*—Practice course in special writing. 3 hours. 3 points. Professor PITKIN.  
*31-32*—Essentials in newspaper technique. 3 hours. 3 points. Mr. GRADY.  
*33*—Social and administrative statistics. 3 hours. 3 points. Professor CHADDOCK.  
*34*—The modern world. 3 hours. 3 points. Dr. SLOSSON.  
*37-38*—Questions of business and finance. 3 hours. 6 points. Mr. ATWOOD.  
*41-42*—Reporting and interviewing. 3 hours. 3 points. Mr. MACALARNEY.  
*43-44*—Handling and heading copy. 3 hours. 3 points. Mr. GRADY.  
*131-132*—Modern European literature. 3 hours. 3 points. Professor CUNLIFFE.  
*141-142*—History of journalism. 3 hours. 3 points. Professor WILLIAMS.  
*144*—Elements of law. 2 hours. 2 points. Professor SMITH.  
*145-146*—International relations. 2 hours. 2 points. Professor WILLIAMS.

*Equipment.* In the Journalism Building the Department is provided with ample space for its lecture-rooms, laboratories, and library.

The library of about 5,000 books and 1,000 bound newspapers occupies the entire second floor of the building. There is also a reading-room especially strong in sociology, economics, and modern European literature. In the newspaper reading-room a hundred daily newspapers, American and foreign, are on file. There is also a collection of about 400,000 newspaper clippings.

#### LATIN (See page 92)

### LAW

*See introductory paragraphs, page 72*

#### PRIVATE LAW

*Professors:* N. ABBOTT, G. F. CANFIELD, R. W. GIFFORD, W. D. GUTHRIE, J. B. MOORE, U. MOORE, T. I. PARKINSON, MUNROE SMITH, H. F. STONE (*Executive Officer*), C. T. TERRY; and H. L. MCBAIN of the Faculty of Political Science.

*Associate Professors:* G. GLENN, T. R. POWELL.

*Assistant Professor:* Y. B. SMITH.

*Associates:* V. HEWITT and H. R. MEDINA.

Historical and comparative jurisprudence. 2 hours. Professor MUNROE SMITH.

Contracts. 4 hours. Professor TERRY.

Criminal law. 3 hours. Professor GIFFORD.

Pleading and practice I. 3 hours. Professor GIFFORD.

Real property I. 4 hours. Professor ABBOTT.

Personal property I. 2 hours. Professor STONE.

Torts. 3 hours. Professor Y. B. SMITH.

American constitutional law I. 1 hour. Professor GUTHRIE.

Public service law. 3 hours. Professor Y. B. SMITH.

Domestic relations and the law of persons. 2 hours. Mr. HEWITT.

Bankruptcy and insolvency. 2 hours. Mr. GLENN.

Equity I. 2 hours. Professor Y. B. SMITH.

Trusts. 4 hours. Professor STONE.

Bills and notes. 3 hours. Professor U. MOORE.

Insurance. 2 hours. Mr. GLENN.

Equity pleading and practice. 2 hours. Mr. HEWITT.

Real and personal property II. 2 hours. Professor ABBOTT.

American constitutional law II. 2 hours. Professor POWELL.

American constitutional law III. 1 hour. Professor POWELL.  
 Quasi contracts. 3 hours. Professor ABBOTT.  
 Sales of personal property. 4 hours. Professor U. MOORE.  
 Institutes of Roman law. 4 hours. Professor MUNROE SMITH.  
 Corporations. 2 hours. Professor CANFIELD.  
 Equity II. 3 hours. Professor STONE.  
 Evidence. 4 hours. Professor GIFFORD.  
 New York trusts and perpetuities. 2 hours. Professor CANFIELD.  
 Partnership. 3 hours. Professor U. MOORE.  
 Mortgages. 3 hours. Professor STONE.  
 Code pleading and practice. 2 hours. Mr. MEDINA.  
 Suretyship. 2 hours. Professor U. MOORE.  
 Real and personal property III. 3 hours. Professor ABBOTT.  
 Wills and administration. 3 hours. Professor GIFFORD.  
 Conflict of laws. 3 hours. Professor POWELL.  
 International law. 2 hours. Professor J. B. MOORE.  
 Municipal corporations. 2 hours. Professor MCBAIN.  
 Administrative law—public officers. 2 hours. Professor POWELL.

## SPECIAL COURSES

Admiralty. 2 hours. MR. HEWITT.  
 Readings in the digest of Justinian. 1 hour. Professor MUNROE SMITH.  
 Modern civil law. 3 hours. Professor MUNROE SMITH.  
 History of European law. 3 hours. Professor MUNROE SMITH.  
 Legal bibliography and the use of law books. Mr. HICKS.

## SUMMER SESSION

s1—Personal property I. 2 points. Professor HUDSON.  
 s2—Real property I. 4 points. Professor ABBOTT.  
 s3—Criminal law. 3 points. Professor GIFFORD.  
 s4—Evidence. 4 points. Professor GIFFORD.  
 s5—Bills and notes. 3 points. Professor U. MOORE.  
 s6—Public service companies. 3 points. Professor Y. B. SMITH.  
 s7—Domestic relations and the law of persons. 2 points. Professor HUDSON.  
 s8—Code practice. 3 points. Professor DEE.  
 s9—Code pleading. 2 points. Professor DEE.  
 s12—Equity I. 2 points. Professor COOK.  
 s13—Wills and administration. 3 points. Mr. SELIGMAN.  
 s14—Mortgages. 3 points. Professor COOK.  
 s20—Constitutional law. 4 points. Professor POWELL.

## POLITICS, PUBLIC LAW, AND COMPARATIVE JURISPRUDENCE

*Professors:* MUNROE SMITH, J. B. MOORE, W. D. GUTHRIE, and H. L. MCBAIN  
 (*Executive Officer*).

*Associate Professors:* T. R. POWELL and E. C. STOWELL.

*Assistant Professor:* E. M. SAIT.

*Lecturers:* H. F. MUNRO, H. J. FORD, F. W. COKER, and A. W. MACMAHON.

*Instructor:* R. S. BOOTS.

*Assistant:* E. D. GRASPER.

## POLITICS

1—American federal government (in sections). 3 hours. 3 points. Professors McBAIN, SAIT, Mr. BOOTS (Columbia College and Barnard).

2—American state and municipal government (in sections). 3 hours. 3 points. Professors McBAIN, SAIT, and Mr. BOOTS (Columbia College and Barnard).

4—(Identical with 1.) Mr. BOOTS.

5—(Identical with 2.) Mr. BOOTS.

15—Party government in the United States. 2 hours. 2 points. Mr. BOOTH.

16—American municipal government. 2 hours. 2 points. Professor McBAIN.

17—Comparative government. 2 hours. 2 points. Professor SAIT.

55—Party government in the United States. 2 hours. 2 points. Professor FORD. (Identical with Politics 105.)

56—Municipal government. 2 hours. 2 points. Professor McBAIN. (Identical with Politics 106.)

105—Party government in the United States. 2 hours. Professor FORD.

106—Municipal government. 2 hours. Professor McBAIN.

107-108—Comparative politics and government. 2 hours. Professor SAIT.

203-204—American municipal administration. 2 hours. Professor McBAIN.

[209—American state government and administration. 2 hours. Professor McBAIN.]

211—Federal administration. 2 hours. Professor McBAIN.

212—European municipal government. 2 hours. Professor SAIT.

301—Seminar in contemporary politics. 2 hours. Professor McBAIN.

## CONSTITUTIONAL AND ADMINISTRATIVE LAW

101-102—Formation of the American constitutional system. 2 hours. Professor COKER. (Identical with History 161-162.)

203—Introduction to constitutional law. 1 hour. Professor GUTHRIE.

205-206—The constitutional law of the United States. 3 hours. Professor POWELL.

207—Administrative law: Public officers. 2 hours. Professor POWELL.

209—The law of municipal corporations. 2 hours. Professor McBAIN.

301-302—Seminar in constitutional and administrative law. Professor POWELL.

*Equipment.* The University Library contains many of the great published collections for the study of ancient, medieval, and modern history. The special library of history and political science numbers upwards of 150,000 volumes. The great libraries of New York, Astor, Lenox, and Tilden foundations, those of the New York and Long Island Historical societies, and of the Bar Association are, under certain conditions, also accessible to students. Fuller information as to courses and opportunities for historical work is given in the current *Announcement of the Division of History, Economics, and Public Law*, which may be obtained by applying to the Secretary of the University. Under the auspices of the Academy of Political Science, to which advanced students are eligible as members, opportunities are given for the discussion of questions of interest as presented in papers by specialists.

## INTERNATIONAL LAW

121—History of diplomacy. 2 hours. Mr. MUNRO.

122—History of American diplomacy. 2 hours. Mr. MUNRO.

223-224—International law. 2 hours. Professor MOORE.

225—International procedure I. 2 hours. Professor STOWELL.

226—International procedure II. 2 hours. Professor STOWELL.

227-228—International cooperation. 2 hours. Professor STOWELL.

321-322—Seminar in international law. 2 hours. Professor MOORE.

## ROMAN LAW AND COMPARATIVE JURISPRUDENCE

261—Historical and comparative jurisprudence. 2 hours. Professor MUNROE SMITH.

263—Roman law. 4 hours. Professor MUNROE SMITH.

266—History of European law. 3 hours. Professor MUNROE SMITH.

268—Modern civil law of western Europe. 3 hours. Professor MUNROE SMITH.

270—Conflict of laws. 3 hours. Professor POWELL.

361-362—Seminar in legal history. 2 hours. Professor MUNROE SMITH.

## SUMMER SESSION

51—American federal government. 2 points. Professor SAIT.

52—American state government. 2 points. Professor GEISER.

5108—The government of France. Professor SAIT.

5109—The government of Germany. Professor GEISER.

5119—The budget. Dr. McCaleb.

5120—American budget making. Dr. McCaleb.

5120—History of American diplomacy. Mr. MUNRO.

5123—International law. Mr. MUNRO.

5205-206—Constitutional law. Professor POWELL.

## EXTENSION TEACHING

e1-2—American government. 6 points. Professor SAIT and Mr. BOOTS.

e101-102—History and growth of international relations. 2 hours. Mr. MUNRO.

e103-104—Principles and practice of international law. 2 hours. Professor STOWELL.

e105—Government of the City of New York. 2 hours. Professor MCBAIN.

e107-108—Comparative government and politics. 2 hours. Professor SAIT.

e117-118—Political constitution of Mexico. 2 hours. Mr. OBREGON.

e119-120—Modern European and American diplomacy. 2 hours. Mr. MUNRO.

e121-122—History of diplomacy. 2 hours. Mr. MUNRO.

*Equipment.* In addition to excellent working collections of constitutions, codes, session laws, judicial decisions, government reports, legal treatises, transactions of legal societies, and law journals of the principal foreign countries as well as of the United States, the Library of Columbia University offers special advantages to students of politics, public law, and comparative jurisprudence in the collections of Henry Livingston Thomas, late chief translator to the Department of State, of the Holland Society of New York, and of the Reform Club of the City of New York, of which the Columbia Library is the depository. The materials thus furnished are richly supplemented by those in the libraries of public institutions, learned societies, and civic organizations, particularly the Hispanic Society of America, with its unique collection of materials relating to the history, institutions, and culture of Spain, Portugal, and Latin America, the Bar Association, and the Law Institute. To these libraries advanced students have access under favorable conditions.

Lectures of special interest to students of politics and jurisprudence are maintained by specific endowments, such as the Beer lectures in political science, the Blumenthal lectures in politics, and the Carpentier lectures in law. Some of these lectures are given by distinguished foreigners, others by men prominent in public life in the United States.

## MANUAL TRAINING

*See Industrial Arts, page 170*

## MATERIA MEDICA (See page 170)



MATHEMATICS

*See introductory paragraphs, page 72*

*Professors:* F. N. COLE, T. S. FISKE (*Administrative Head*), W. B. FITE, H. E. HAWKES, E. KASNER, C. J. KEYSER, J. MACLAY, H. B. MITCHELL, and D. E. SMITH.

*Associate Professor:* C. B. UPTON.

*Assistant Professors:* C. C. GROVE and L. P. SICELOFF.

*Instructors:* C. A. FISCHER, K. W. LAMSON, and G. W. MULLINS.

*Assistants:* T. R. HOLLCROFT and J. F. RITT.

A1 or A4—Plane trigonometry. 2 hours. 2 points. Professors MACLAY, MITCHELL, FITE, GROVE, and SICELOFF, Drs. FISHER and HOLLCROFT.

A2 or A3—Solid geometry. 3 hours. 3 points. Professors GROVE, SICELOFF, and Dr. FISCHER.

A5 or A6—Elementary analysis. 3 hours. 3 points. Professors MITCHELL, HAWKES, and SICELOFF.

H1-H2—Honors conference. Analytical geometry and calculus. Professors MITCHELL and SICELOFF.

H3-H4—Honors conference. Differential geometry. Professors FISKE and FITE.

1 or 2—Algebra. 3 hours. 3 points. Professors MITCHELL, HAWKES, and GROVE.

3 or 4—Analytical geometry. 3 hours. 3 points. Professors MITCHELL, FITE, and SICELOFF, and Dr. FISCHER.

8-9—Analytical geometry and calculus for architects. 3 hours. 6 points. Professors GROVE and SICELOFF.

8-9—Analytical geometry and Calculus for architects. 3 hours. 6 points. Professors GROVE and SICELOFF.

12—Mathematics of statistics. 3 hours. 3 points. Professor GROVE.

18—Advanced calculus. 3 hours. 3 points. Professor MITCHELL.

22—Projective geometry. 3 hours. 3 points. Professor KEYSER.

27—Fundamental concepts in mathematics. 3 hours. 3 points. Professor KEYSER.

75-76 or 78-79—Differential and integral calculus. 4 hours. 8 points. Professors FISKE, MITCHELL, FITE, GROVE, and SICELOFF.

77 or 80—Differential and integral calculus. 4 hours. 4 points. Professors FISKE, MACLAY, and MITCHELL.

141—Theory of geometric constructions.  $4\frac{1}{2}$  points. Professor MACLAY.

161-162—Modern theories in geometry. 12 points. Professor KEYSER.

165-166—Differential equations. 12 points. Professor FISKE.

172—Mathematics.  $4\frac{1}{2}$  points. Professor KEYSER.

176—Differential geometry of curves.  $4\frac{1}{2}$  points. Professor MACLAY.

225—Theory of functionals and integral equations.  $4\frac{1}{2}$  points. Professor KASNER and Dr. FISCHER.

307-308—Theory of groups. 9 points. Professor COLE.

310—Differential equations.  $4\frac{1}{2}$  points. Professor FITE.

341—Elliptic functions.  $4\frac{1}{2}$  points. Professor MACLAY.

345-346—Seminar in differential geometry. 6 points. Professor KASNER.

351-352—History of mathematics. 6 points. Professor SMITH.

BARNARD COLLEGE

A1-A2—Trigonometry, algebra, and geometry. 3 hours. 6 points. Drs. FISCHER, MULLINS, and LAMSON.

21—Analytical geometry. 3 hours. 3 points. Professor KASNER.

22—Calculus, short course. 3 hours. 3 points. Professor KASNER.

- 23-24—Theory of equations. 3 hours. 6 points. Dr. LAMSON.  
 25-26—Calculus. 3 hours. 6 points. Professor COLE.  
 27-28—Projective geometry. 3 hours. 6 points. Dr. MULLINS.  
 35-36—General introduction to higher mathematics. 3 hours. 6 points. Professor KASNER.

## SUMMER SESSION

- sX—Elementary algebra. 2 points. Mr. BELCHER and Mr. TANZOLA.  
 sY—Plane geometry. 2 points. Dr. MULLINS and Mr. TANZOLA.  
 sA1—Logarithms and trigonometry. 2 points. Dr. FISCHER, Dr. MULLINS, Mr. BELCHER, and Dr. PFEIFFER.  
 sA2—Solid geometry. 2 points. Dr. FISCHER, Dr. MULLINS, and Mr. BELCHER.  
 s1—Algebra. 2 points. Professors GROVE and SICELOFF.  
 s3—Analytical geometry. 2 points. Professors GROVE and SICELOFF.  
 s15—Calculus: first part. 2 points. Professor SICELOFF.  
 s16—Calculus: second part. 2 points. Dr. FISCHER.  
 s18—Higher algebra. 3 points. Professor FITE.  
 s105—Theory of numbers. 3 points. Professor MACLAY.  
 s131—Fundamental mathematical concepts. 3 points. Professor MACLAY.  
 s141—Theory of geometric constructions. 3 points. Professor MACLAY.  
 s163—Theory of functions of a complex variable. 3 points. Professor KASNER.  
 s176—Differential geometry. 3 points. Professor KASNER.  
 s181—Projective geometry. 3 points. Professor FITE.  
 esX—Algebra, elementary course. 2 points. Mr. WAGAR.  
 esY—Plane geometry. 2 points. Mr. CURT.  
 esA1—Logarithms and trigonometry. 2 points. Mr. CURT.

## EXTENSION TEACHING

- eX1—Algebra, elementary and intermediate course. 4 points. Dr. HOLLCROFT.  
 eX2—Algebra. Course eX1 repeated. 4 points. Dr. HOLLCROFT.  
 eX3—Algebra. Elementary course. 3 points. Mr. SWENSON.  
 eX4—Algebra. Course eX3 repeated. 3 points. Dr. RITT.  
 eX5—Algebra. Intermediate course. 3 points. Mr. BIRD.  
 eX6—Algebra. Course eX5 repeated. 3 points. Mr. BIRD.  
 eY1—Plane geometry. 4 points. Dr. RITT.  
 eY2—Plane geometry. Course eY1 repeated. 4 points. Dr. HOLLCROFT.  
 eA1—Trigonometry. 2 points. Dr. HOLLCROFT.  
 eA2—Solid geometry. 3 points. Mr. SWENSON.  
 eA3—Solid geometry. Course eA2 repeated. 3 points. Mr. SWENSON.  
 eA4—Trigonometry. Course eA1 repeated. 2 points. Professor McCLENON.  
 e1—Algebra. 3 points. Mr. BIRD.  
 e2—Algebra. e1 repeated. 3 points. Professor McCLENON.  
 e3—Analytical geometry. 3 points. Dr. RITT.  
 e4—Analytical geometry. Course e3 repeated. 3 points. Professor McCLENON.  
 e75-76—Calculus. 8 points. Dr. MULLINS.  
 e78—Calculus. Course 75 repeated. 4 points. Dr. HOLLCROFT.  
 e22—Differential equations. 3 points. Dr. RITT.

*Equipment.* The Department of Mathematics has the special advantages afforded by a large and fully equipped reading-room, 108 Library, in which are available the current numbers of over 150 mathematical journals and periodicals.

The laboratory equipment of the department includes the extensive collections of Wiener and Schilling. Models and charts illustrate elementary plane and solid geom-

etry, descriptive geometry, projective geometry, twisted curves, surfaces, many of the more intricate concepts and forms in the theory of functions, infinite series and products, and analysis situs. Room 503 Fayerweather has been set apart as a mathematical laboratory and model room.

Teachers College is well supplied with models and apparatus for use in teaching mathematics, together with various instruments for mechanical computation, and a complete set of surveying instruments. A collection of instruments, autographs, portraits, and other material illustrating the historical development of mathematics, the property of Professor SMITH, is placed at the disposal of the students, as is his extensive library on the history and teaching of the subject. Arrangements may be made by which advanced students in the history of mathematics may have access to the library of George A. Plimpton, LL.D., which is particularly rich in manuscripts, incunabula, and sixteenth century works on the subject. The department has a collection of stereopticon slides illustrating important manuscripts and early works.

## MECHANICAL ENGINEERING

*See introductory paragraphs, page 72*

*Professors:* C. E. LUCKE (*Executive Officer*) and W. RAUTENSTRAUCH.

*Assistant Professors:* H. L. PARR, C. C. SLEFFEL, E. D. THURSTON, JR., L. DE G. MOSS, and C. W. THOMAS.

*Instructor:* Mr. HERRICK.

101-102—Power. 2 hours. Professor LUCKE.

103-104—Machine elements. C 2 hours, L 1 afternoon. Professor THOMAS.

105-106—Machine elements. 2 hours. Professor THOMAS.

108S—Shop practice. 6 weeks. Professor SLEFFEL.

109-110—Shop processes. 1 hour first half-year, C 2 hours, L 2 afternoons second half-year. Professor SLEFFEL.

111—Mechanical instrument laboratory. L 1 afternoon. Professor PARR.

112—Hydraulic laboratory. L 1 afternoon. Mr. HERRICK.

113—Hydraulic laboratory. L 1 afternoon. Mr. HERRICK.

114S—Shop practice. 8 weeks' summer course. Professor SLEFFEL.

119-120—Engineering thermodynamics. C 2 hours, L 1 afternoon. Professor PARR.

121-122—Engineering thermodynamics. 2 hours. Mr. HERRICK.

123—Mechanics of machinery. 4 hours. Professor RAUTENSTRAUCH.

124—Machine analysis. 4 hours. Professor RAUTENSTRAUCH.

125—Pumps and hydraulic machinery. 2 hours. Mr. HERRICK.

127—Compressor and fan laboratory. L 1 afternoon. Professor PARR.

128—Compressors and fans. 2 hours. Professor PARR.

130—Machine tools. 2 hours. Professor SLEFFEL.

131—Steam power laboratory. L 1 afternoon. Professor PARR.

132—Heat transfer laboratory. L 1 afternoon. Professor PARR.

134S—Machine design. 4 weeks' summer work. Professor RAUTENSTRAUCH.

135—Steam turbines. C 2 hours, L 1 afternoon. Professor PARR.

136—Steam power. C 2 hours, L 2 afternoons. Professor PARR.

138—Steam power. 2 hours. Professor PARR.

139—Reciprocating steam engines. C 2 hours, L 1 afternoon. Professor PARR.

142S—Plant operation. 4 weeks' summer work. Professors LUCKE, RAUTENSTRAUCH, and Mr. HERRICK.

143—Furnaces and heat transfer. 2 hours. Professor PARR.

146—Water power. C 3 hours. Mr. HERRICK.

147—Kinematics and machine design. C 3 hours, L 1 afternoon. Professor RAUTEN-  
STRAUCH.

151—Gas power. C 2 hours. Professor LUCKE.

152—Gas power. 3 hours. Professor LUCKE.

157—Gas power laboratory. L 1 afternoon. Professor PARR.

159-160—Manufacturing processes and management. 2 hours. Professor RAUTEN-  
STRAUCH.

161-162—Mechanical laboratory. L 1 afternoon. Professor HERRICK.

164—Mechanical laboratory. L 1 afternoon. Professor HERRICK.

166S—Mechanical laboratory. 3 weeks' summer work. Professor HERRICK.

167-168—Factory construction and equipment. C 2 hours, L 1 afternoon. Professor  
RAUTENSTRAUCH.

171-172—Machine design. D 2 afternoons. Professor THOMAS.

*Equipment.* This department is equipped with lecture-rooms, collections of models and specimens to illustrate the lectures, and drafting-rooms provided with blue-prints, photographs, and catalogues of standard and special machinery supplied by manufacturers. Excellent facilities are also at hand for the prosecution of experimental work. The experimental equipment includes all the standard and many special forms of measuring instruments, and a large collection of full-size standard machinery, covering practically every important class.

## METALLURGY

*See introductory paragraphs, page 72*

*Professors:* A. L. WALKER and W. C. CAMPBELL.

*Assistant Professors:* E. F. KERN and E. J. HALL.

*Honorary Assistant:* W. G. JOHNSON.

101—Introduction to metallurgy. 3 hours. Professor KERN.

108—Physical metallurgy. 1 hour. Professor KERN.

111—Metallurgy of copper. 3 hours. Professor WALKER.

118—Metallurgy of copper. 1 hour. Professor KERN.

122—Metallurgy of lead, silver, gold, and zinc. 3 hours. Professor WALKER.

128—Metallurgy of lead, silver, gold, zinc, and the minor metals. 1 hour. Professor  
WALKER.

131—Metallurgy of iron and steel. 1 hour. Professor CAMPBELL.

133—Metallurgy of iron and steel. 2 hours. Professor CAMPBELL.

138—Metallurgy of iron and steel. 1 hour. Professor CAMPBELL.

141—Electrometallurgy. 1 hour. Professor KERN.

148—Electrometallurgy. 1 hour. Professor KERN.

151—Metallography. 2 hours. Professor CAMPBELL.

155-156—Metallography of iron, steel, and industrial alloys. 1 hour. Professor  
CAMPBELL.

158—Metallography. 3 hours. Professor CAMPBELL.

164S—Summer course in ferrous metallurgy. Professor CAMPBELL.

166S—Summer course in non-ferrous metallurgy. Professors WALKER and KERN.

170—Metallurgical laboratory. 10 consecutive afternoons. Professors CAMPBELL  
and KERN.

171—Metallurgical laboratory. 4 afternoons. Professors CAMPBELL and KERN.

172—Metallurgical laboratory. 2 afternoons. Professors CAMPBELL and KERN.

173-174—Metallurgical laboratory. Professors CAMPBELL and KERN.

176—Metallurgical seminar. 1 hour conferences. Professor WALKER.

178—Metallurgical plant construction. 1 afternoon. Professor WALKER.

181-182—Assaying. C 2 hours, L 3 afternoons. Professor HALL.

184—Assaying. C 1 hour, L 1 afternoon. Professor HALL.

201-202—Graduate metallurgical research. 4 afternoons. Professors CAMPBELL and KERN.

*Metallurgical Excursions.* During the summer the students see, at the metallurgical works near the city, iron blast furnaces, bessemer and open-hearth steel-making, lead and copper smelting, copper bessemerizing and refining by furnace and electrolytic methods, the desilverizing of base bullion, and the parting and refining of gold and silver by electrolytic and acid methods.

*Equipment.* The special teaching equipment for metallurgy contains many large lecture diagrams and bromide enlargements showing the various metallurgical appliances, and the sequence of metallurgical processes, besides many models, drawings, and apparatus for lecture demonstrations. There is also a collection of about 3,000 specimens of ores, metals, and metallurgical products, and a rapidly forming collection of microscopic sections and photomicrographs of metals and alloys.

*Non-Ferrous and Electrometallurgical Laboratory.* A. For wet and dry metallurgy, the extraction, smelting, refining, and alloying of non-ferrous metals, there are ore-roasting furnaces; reverberatory smelting furnace; gas-fired crucible furnaces; assay muffle furnaces; a high-temperature forge; leaching plants; a filter press; amalgamating pans; a chlorinating barrel; ball mills; desilverization kettles; and pyrometers. B. For electrometallurgy the electrical recovery, deposition, refining, and alloying of metals, there are storage batteries; a 30 K.W. motor-generator set for supplying direct current at high amperage and a range up to 25 volts; electrolytic refining vats; small electric furnaces of the Moissan arc, Borchers arc, and resistance types; and large experimental melting, smelting, and refining furnaces.

*Iron and Steel Laboratory* is equipped with electric and double-muffle gas furnaces especially designed for this laboratory, in which a number of full-sized tensile test bars may be heated simultaneously to any temperature up to 1300° C., with uniformity and precision; gas crucible furnaces; gas forges; special furnaces; and small power-driven rolls for studying the influence of the conditions of rolling on the properties of metals.

*The Metallographic Laboratories,* for the microscopic and pyrometric study of metals, mattes, speiss, slags, ores, etc., have microscopes of the Leitz, Le Chatelier, and other types; equipment for illumination and photography; electric resistance furnaces of different types; portable gas furnaces; and pyrometers. The metal-working shop has power-driven machines for cutting specimens, etc.

*The Assay Laboratory* has for its main equipment thirty-six gas-fired muffle furnaces, with a corresponding number of desks, which are arranged in rows with a furnace facing each desk. There are, also, a sufficient number of coke pot, coal muffle, and gasoline furnaces for the student to become familiar with these types. The usual balance-, grinding-, and cupel-rooms are provided.

The laboratory gives advanced students and practitioners unusual advantages for investigating accurately the scientific and many of the economic problems of metallurgy.

*Library.* A special library of about 1,600 volumes, on metallurgical subjects, is included in the School of Mines departmental reference library.

## MINERALOGY

*See introductory paragraphs, page 72*

*Professor:* A. J. MOSES (*Executive Officer*).

*Assistant Professor:* L. MCL. LUQUER.

*Instructor:* H. F. GARDNER.

3-4—General mineralogy. C 2 hours, L 2 hours. 6 points. Professor LUQUER.

9—Crystal constants and crystalline structure. C 2 hours, L 1 afternoon. 3 points. Professor MOSES.

10—Minerals used in chemical industries. C 2 hours, L 1 afternoon. 3 points. Professor MOSES.

11—Optical mineralogy. 1 afternoon. 2 points. Professor LUQUER.

14—Mineralogy. The sight recognition and determination of the common rock-forming minerals and the great ores. C 2 hours, L 3 hours. 3 points. Professors MOSES and LUQUER and Mr. GARDNER.

17-18—General mineralogy. C 1 hour, L 2 or 4 hours. 4 or 6 points. Professor OGILVIE (Barnard).

106—Crystallography and optical mineralogy. C 2 hours, L 1 afternoon. 4 points. Professor LUQUER.

117—Economic mineralogy. C 4 hours, L 2 afternoons. 6 points. Professor MOSES.

203—Determining the optical constants of crystals. C 2 hours, L 1 afternoon. 4 points. Professor MOSES.

207-208—Optical mineralogy. C 1 hour, L 1 afternoon. 5 points. Professor LUQUER.

209-210—Physical crystallography. C 1 hour, L 1 afternoon. 5 points. Professor MOSES.

211-212—Study of assigned subject. 12 hours. 12 points. Professor MOSES.

## SUMMER SESSION

51—The recognition and determination of the common rock-forming minerals and great ores. 3 points. Professor MOSES.

52a—Gems and gem minerals. 2 points. Professor MOSES.

*Equipment.* The work of the students in the college courses 3-4 and 14 is performed in the Egleston Museum, in the blowpipe laboratory, and in the adjoining conference-room, in which are student collections of crystal models and minerals, and several thousand unlabeled specimens used in determinative work. The department possesses, also, about 1,200 sections of minerals and rocks, 1,500 crystal models in wood and glass, and a Departmental Library of 1,300 volumes. Students in optical mineralogy and in Course 117 use the Egleston Museum, and for crystal measurements and monochromatic light determination there is provided a large dark-room.

The Egleston Mineralogical Museum contains about 30,000 labeled specimens, and includes a systematic collection; an economic collection of ores, building materials, and minerals used in chemical industries; a student collection for course 117 and smaller collections illustrating: gems and ornamental stones; crystals; the genesis and alteration of minerals; the characters of minerals; artificial minerals, and New York City minerals.

## MINING

*See introductory paragraphs, page 72*

*Professors:* R. PEELE and R. M. RAYMOND.

*Assistant Professor:* E. K. JUDD.

*Lecturer:* R. V. NORRIS.

151—Excavation and tunneling. 3 hours. Professor PEELE.

152—Boring and shaft sinking. 2 hours. Professor PEELE.

154—Exploration, development, and methods of working. 3 hours. Professor RAYMOND.

156—Mine engineering. 3 hours. Professor RAYMOND.

171-172—Mine plant. 3 hours. Winter Session; 2 hours, Spring Session. Professor PEELE.

173—Mine constructions. 1 hour. Professor PEELE.

175—Design of mine plant. 3 afternoons. Professors PEELE and JUDD.

178—Graduating thesis or project. Professor PEELE.

181—Ore-dressing, milling, and the mechanical preparation of coal. 4 hours. Professor JUDD.

182—Ore-dressing laboratory. Afternoon work for 3 weeks. Professor JUDD.

192—Mine administration. 2 hours. Professor RAYMOND.

194—Mining laws. 2 hours. Professor PEELE.

## SUMMER SESSION

158S—Summer class in mine surveying. For a period of 1 week in June. Professors RAYMOND and JUDD.

159S—Summer course in practical mining. For a period of 6 weeks in June and July. Professor RAYMOND.

## ADVANCED GRADUATE COURSES

201-202—Methods of mining. Professor RAYMOND.

203-204—Mining plant. Professor PEELE.

207-208—Ore dressing. Mining 181 and 182, with laboratory work and reading as required. Professor JUDD.

213-214—Economic studies in mining. Professor RAYMOND.

*Equipment.* The lecture courses on mining are illustrated by sets of books containing blue-prints from negatives made for the purpose. There are a sufficient number of these books to enable each student to have the use of one of each course for reference during the lectures and for home study. Wall diagrams and large working blue-prints are also freely used for lecture illustration.

The University Library contains sets of the transactions of all mining, metallurgical, and engineering societies, and of the more important periodical publications on these subjects. There is also a large collection of books on mining, and all new publications of value are added as they appear. In addition, the School of Mines contains a reference library of mining and metallurgical books and periodicals, accessible to students at all times.

The subject of mining is illustrated by collections as follows: Maps of coal and metal mines of this and other countries. Working drawings, diagrams, and photographs of mine plant, and of mining and dressing machinery. Models of mines and parts of mines and of mine plant. Mining tools: picks, shovels, hammers, drills, blasting apparatus, lamps, safety-lamps, anemometers, and machine drills. Ores and dressing

products from typical works in this and other countries. Surveying instruments: geological compasses and clinometers, attraction compasses, dipping needles, hanging compasses and arcs, transits, lamp signals, rods, and apparatus for plumbing and measuring shafts.

The basement and sub-basement of the School of Mines are equipped as laboratories for the study of ore-dressing. These laboratories serve four purposes: 1. To illustrate the physical laws bearing on mineral separation. 2. To afford opportunity for quantitative working tests. 3. To train students in the adjustment and operation of concentrating machinery, and in the making of efficiency tests under working conditions. 4. To give advanced students and others all necessary facilities for original investigation.

Many coal, iron, and other mines, slate and stone quarries, and metallurgical works are easily accessible. Within one hundred miles of New York City may be studied examples of the best practice in mining and metallurgy under varied conditions, and some of the most modern and effective mining and dressing machinery and smelting plants in the country. The excursions of the summer class in mining extend as far as the iron, copper, zinc, lead, silver, and gold regions of Michigan, Missouri, Montana, Colorado, Arizona, Utah, and California.

The metropolitan situation of the School renders it possible to present, also, as parts of the regular courses in mining, special lectures by prominent engineers. The list of such lectures and more detailed information as to the courses offered and as to the facilities of instruction will be found in the current *Announcement of the Schools of Mines, Engineering, and Chemistry*.

## MUSIC

*See introductory paragraphs, page 72*

*Professor:* W. H. HALL and C. RYBNER (*Executive Officer*).

*Associate Professors:* C. H. FARNSWORTH and D. G. MASON.

*Associate:* F. E. WARD.

*Lecturers:* F. CADY, G. M. DASCHBACH, W. J. KRAFT, F. LAMOND.

1-2—History of music. 2 hours. 4 points. Professor MASON.

3-4—History of music. 2 hours. 4 points. Professor MASON.

7-8—Harmony. 3 hours. 6 points. Mr. WARD.

9-10—Advanced harmony and elementary form. 2 hours. 4 points. Professor MASON.

11-12—Counterpoint. 2 hours. 4 points. Mr. WARD.

13-14—Composition and orchestration. 2 hours. 4 points. Professor RYBNER.

15-16—Orchestral instruments and their use. 1 hour. 2 points. Professor RYBNER.

31-32—University orchestra. 2 hours. 1 point. Professor RYBNER and Mr. HERBERT DITTLER.

33-34—University chorus. 1 point. Professor HALL.

101-102—Advanced composition and orchestration. 2 hours. 6 points. Professor RYBNER.

103-104—Orchestration and symphonic form. 2 hours. 6 points. Professor RYBNER.

## SUMMER SESSION

sX—Chorus. Professor HALL.

sI—History and appreciation of music. 2 points. Professor COLE.

s7—Elementary harmony. 2 points. Professor COLE and Mr. WILDE.



- 510—Musical form and harmonic analysis. 2 points. Professor COLE.  
 518—Nineteenth-century romanticism in music. 2 points. Professor COLE.

## EXTENSION TEACHING

- eX1-X2—University chorus. 2 points. Professor HALL.  
 eY1-Y2—University choir. 2 points. Professor HALL.  
 e5—Elementary ear training and dictation. 2 points. Mr. MANNING.  
 e6—Elementary ear training and dictation—starting in February. 2 points. Mr. MANNING.  
 e5a-6a—Advanced ear training and dictation. 2 points. Beginning in February. Mr. MANNING.  
 e7-8—Elementary harmony. 4 points. Mr. WARD.  
 e7a—Elementary harmony. 2 points. Mr. WARD.  
 e8a—Elementary harmony. Starting in February. 2 points. Mr. WARD.  
 e9-10—Advanced harmony and elementary form. 4 points. Mr. WARD.  
 e53-54—Introductory harmony. 4 points. Mr. KRAFT.  
 e55-56—Sight singing. 4 points. Mr. KRAFT.  
 e105-106—Choral music. 4 points. Professor HALL.

Twenty-nine courses in teaching and supervision and technic of music and speech are offered at Teachers College. (See current *Announcement of Teachers College School of Practical Arts*.)

*Equipment.* A collection of music and of books of reference is placed at the disposal of students. It includes the complete works of various composers, many orchestral and opera scores, the pianoforte classics, and vocal music, besides many theoretical, historical and biographical works. The private library of the late Anton Seidl, consisting of 1,220 scores, was presented to the University and has been placed in the rooms of the Department of Music; also the great library of Dr. James Pech comprising thousands of scores in all forms of composition. The department has also a collection of instruments for the use of students participating in the University Orchestra.

The Department of Music offers an annual recital of original compositions by students in the department, and the regular concerts of the University Orchestra and the University Chorus.

The Institute of Arts and Sciences offers numerous concerts and recitals. For details consult separately printed bulletin which may be procured through the Secretary of the University.

## NEUROLOGY

*See introductory paragraphs, page 72*

*Professor Emeritus:* M. ALLEN STARR.

*Professor:* F. TILNEY (*Executive Officer*).

*Associate Professor:* L. CASAMAJOR.

*Assistant Professors:* S. P. GOODHART, O. S. STRONG.

*Professor of Clinical Ophthalmology:* W. A. HOLDEN.

*Assistant Clinical-Professor:* E. L. HUNT.

*Instructors:* R. HOYT, C. A. MCKENDREE, C. ROSENHECK, A. P. EVANS, T. H. AMES, S. R. LEAHY, H. A. RILEY, J. S. RICHARDS, MICHAEL OSNATO, F. M. HALLOCK, E. C. JAGLE, L. ARONSON, and J. V. HABERMAN.

*Lecturer:* S. PATON.

215—Neuro-anatomy. Lectures, demonstrations, and laboratory work. 3 hours. Winter Session, second year. Professor TILNEY and Drs. STRONG, MCKENDREE, and RILEY.

201-202—Neurology: The diseases of the nervous system. At the College, at the City Hospital, and at the Montefiore Home. Lectures with demonstrations. 2 hours. Third year. Professors TILNEY, GOODHART, and HUNT, and Dr. AMES.

217-218—Neuro-pathology. Lectures and laboratory work. 2 hours for one-third year. Winter and Spring Sessions, third year. Professor STRONG and Dr. AMES.

203-204—Clinical lectures in neurology. At the Vanderbilt Clinic. 1 hour. Fourth year. Professors STARR and TILNEY.

205—Psychiatry. Lectures 1 hour. Winter Session, fourth year. Dr. AMES.

206—Morphology of the nervous system. 3 hours. Spring Session, first, second, third, or fourth year. Professors TILNEY and STRONG.

210—Practical instruction in the methods of examination of insane patients. At Ward's Island. 1 hour. One-eighth of fourth year. Spring Session. Drs. AMES and RICHARDS.

211-212—Researches in newer methods of neurological examination. At the Vanderbilt Clinic. 2 hours. One-half year. Professor TILNEY.

213-214—Research in the examination of the mentally defective. At the Vanderbilt Clinic. 2 hours. One-half year.

231-232—Clinical psychology (psychopathology) and psychotherapy, inclusive of the psychopathology, psychotherapy, and mental examination of the psychopathic child. At the Vanderbilt Clinic. Clinical lectures. 1 hour. One-half of fourth year. Dr. HABERMAN.

#### SUMMER SESSION

s216—Diagnosis of nervous diseases. Clinic and lectures at the Montefiore Home, Gun Hill Road.

s219—Diagnosis and treatment of the neuroses and psychoneuroses. Clinic at the Vanderbilt Clinic. 1 point if taken with s220, s221, s222, s223, and s224.

s220—Neuro-pathology. Lectures and laboratory exercises. 2 points if taken with s219, s221, s222, s223, and s224.

s221—Methods and technique of neurological examination. Demonstrations and conferences. 2 points if taken with s219, s220, s222, s223, and s224.

s222—Semiology of nervous diseases. Demonstration and conference at the Vanderbilt Clinic. 2 points if taken with s219, s220, s221, s223, and s224. Professors TILNEY and GOODHART.

s223—Principles of psychiatry. Clinic at the Vanderbilt Clinic. 1 point if taken with s219, s220, s221, s222, and s224. Professor CASAMAJOR.

s224—Neuro-anatomy. The anatomy, histology, development, and architectonics of the nervous system. Lectures, demonstrations, conferences, and laboratory work. 6 points. Professors TILNEY and A. V. S. LAMBERT, Dr. STRONG, and Mr. ELWYN.

*Equipment.* The laboratory of the Neurological Department has recently been enlarged and its equipment materially augmented. It now provides accommodations for fifteen post-graduate students in neurological research. Gross and microscopic preparations of the nervous system as well as comparative material are included in the study collection of the department. All of the more modern instruments for the study of the brain and the preparation of neurological specimens are accessible to those properly qualified in the University.

#### NURSING AND HEALTH

Twenty-seven courses in Nursing and Health are offered under the direction of Teachers College. For details see the current *Announcement of Teachers College, School of Practical Arts*.

## OBSTETRICS

*See introductory paragraphs, page 72*

*Professors:* E. B. CRAGIN (*Executive Officer*) and H. M. PAINTER.

*Associate Professor:* J. D. VOORHEES.

*Associate:* E. M. COLIE, JR.

*Instructor:* SAMUEL SWIFT.

102—Recitations and demonstrations in obstetrics. 2 hours. Professor VOORHEES.

210—The theory and practice of obstetrics. Lectures, 3 hours; two didactic and one clinical. Professor CRAGIN.

203-204—Practical instruction in obstetrics. Dr. SWIFT.

205-206—Out-patient service in obstetrics. Professor PAINTER and Dr. COLIE.

## ORIENTAL LANGUAGES

*See introductory paragraphs, page 72*

## INDO-IRANIAN

*Professor:* A. V. WILLIAMS JACKSON.

*Lecturer:* A. YOHANNAN.

101—Sanskrit, first course. Grammar and reading of texts. 3 hours. 4½ points. Professor JACKSON.

[102—Sanskrit, second course. Reading of texts. 3 hours. 4½ points. Professor JACKSON. Not given in the Spring Session of 1917-1918.]

[103—Avestan, first course. Grammar and reading of texts. 2 hours. 3 points. Professor JACKSON. Not given in the Winter Session of 1917-1918.]

104—Avestan, second course. Reading of texts. 2 hours. 3 points. Professor JACKSON.

105—Sanskrit, advanced course. 2 hours. 3 points. Professor JACKSON.

106—Sanskrit, advanced course. 2 hours. 3 points. Professor JACKSON.

107-108—Modern Persian, introductory course. 2 hours. 3 points each Session. Dr. YOHANNAN.

109-110—Modern Persian, second course. 2 hours. 3 points each Session. Dr. YOHANNAN.

115—History of India and of Persia. 2 hours. 3 points. Professor JACKSON.

201-202—Avestan, advanced course. 2 hours. 3 points each Session. Professor JACKSON.

203-204—Pali, elementary course. 1 hour. 1½ points each Session. Professor JACKSON.

205—Old Persian cuneiform inscriptions. 1 hour. 1½ points. Professor JACKSON.

206—Pahlavi, introductory course. 1 hour. 1½ points. Professor JACKSON.

207—Sanskrit literature. 1 hour. 1½ points. Professor JACKSON.

208—Persian literature. 1 hour. 1½ points. Professor JACKSON.

209—Zoroastrian Gathas. 1 hour. 1½ points. Professor JACKSON.

210—Zoroaster and Buddha, their life and teachings. 1 hour. 1½ points. Professor JACKSON.

[211-212—Modern Persian, third-year course. 2 hours. 3 points each Session. Dr. YOHANNAN. Not given in 1917-1918.]

301-302—Indo-Iranian seminar. 3 points each Session. Professor JACKSON.

## ARMENIAN

[213-214—Principles of Armenian grammar with selected readings. 2 hours. 3 points each Session. Dr. YOHANNAN. Not given in 1917-1918.]

## TURKISH

215-216—Principles of Turkish grammar. 2 hours. 3 points each Session. Dr. YOHANNAN.

[217-218—Advanced course in Turkish. 2 hours. 3 points each Session. Dr. YOHANNAN. Not given in 1917-1918.]

[219-220—Exercises in Turkish conversation and in the reading of Turkish newspapers. 2 hours. 3 points each Session. Dr. YOHANNAN. Not given in 1917-1918.]

## SEMITIC

*Professors:* R. J. H. GOTTHEIL (*Executive Officer*) and J. D. PRINCE.

*Lecturers:* P. K. HITT, J. J. SZLENKER, F. VEXLER, C. A. MANNING, and F. A. VANDERBURGH.

## BIBLICAL HEBREW

101-102—Elementary course. 2 hours. Dr. HITT.

103—Second course. Exercises in the reading of unpunctuated Hebrew. Professor GOTTHEIL.

104—Third course. Isaiah. 2 hours. Professor GOTTHEIL.

105—Third (lecture) course. Semitic archeology and its bearings upon the study of the Bible. Professor GOTTHEIL.

## RABBINICAL HEBREW

107-108—Selected readings from the Mishnah. 2 hours. Professor GOTTHEIL.

109-110—Selected readings from the Hebrew poetical writers of the Middle Ages, 2 hours. Professor GOTTHEIL.

201—Lectures on Post-Biblical Hebrew Literature. 2 hours. Professor GOTTHEIL.

## EPIGRAPHY

203—Interpretation of the Phœnician inscriptions, with an introduction to Semitic paleography and the history of the alphabet. 2 hours. Professor GOTTHEIL.

204—Interpretation of the Aramean inscriptions. 2 hours. Professor GOTTHEIL.

[205—Interpretation of the Sabeian and Himyaritic inscriptions contained in the *Corpus Inscriptionum Semiticarum*, vol. iv. 1 hour. Professor GOTTHEIL.]

## ASSYRIAN

111—Elementary course. 2 hours. Professor PRINCE.

112—Second course—Study of the syllabary. 2 hours. Professor PRINCE.

209—Third course—Study of texts. 2 hours. Professor PRINCE.

209A—Third course—Readings from Babylonian texts. Dr. VANDERBURGH.

- 210—Fourth course—Study of religious texts. 2 hours. Professor PRINCE.  
 210A—Readings from bilingual texts. 1 hour. Dr. VANDERBURGH.  
 211—Advanced course—Sumerian texts. 2 hours. Professor PRINCE.  
 212—Advanced course—Sumerian hymns from cuneiform texts. 2 hours. Professor PRINCE.

## ARABIC

- 113—Elementary course. 2 hours. Dr. HITT.  
 114—Second course. 2 hours. Dr. HITT.  
 213—Advanced course—Selections from historical writers. 2 hours. Professor GOTTHEIL.  
 214—Advanced course—Selections from the Koran. 2 hours. Professor GOTTHEIL.  
 215-216—Arabic poetry. 2 hours. Dr. HITT.  
 cX1-cX2—Elementary grammar, reading, writing, and speaking. Dr. HITT.

## SYRIAC

- 115—First course. 2 hours. Dr. HITT.  
 116—Second course. 2 hours. Dr. HITT.  
 117—Third course. 2 hours. Professor GOTTHEIL.  
 118—Fourth course. 2 hours. Professor GOTTHEIL.

## ETHIOPIA

- 221-222—Principles of the grammar, and reading of extracts. Professor GOTTHEIL.

## HISTORY

- 119—The ancient history of western Asia from the earliest times until the period of Cyrus the Persian. 2 hours. Professor PRINCE and Dr. VANDERBURGH.  
 This course is identical with History 109.  
 120—The rise of Arabian civilization and the spread of Mohammedanism. 2 hours. Professor GOTTHEIL.  
 This course is identical with History 104.  
 122—Political and social evolution of modern Turkey and Egypt. 2 hours. Professor GOTTHEIL.  
 This course is identical with History 154.

## SEMITIC SEMINAR

- 301-302—Study of current questions in Semitic philology and history with especial reference to modern methods of research. Professor GOTTHEIL.

## EGYPTIAN

- [218—Elementary course in Coptic. 1 hour. Professor PRINCE.]

## SLAVONIC

- 101-102—Elementary Russian. 2 hours. Professor PRINCE.  
 103—Selections from Russian prose with exercises in writing and conversation. 2 hours. Professor PRINCE.  
 104—Russian prose and poetry. Introduction to Church-Slavonic. 2 hours. Professor PRINCE.  
 cX1-X2—Elementary grammar, colloquial and written Russian. Mr. ANDREYWSKY.

## UNION THEOLOGICAL SEMINARY

- 1-2—History, literature, and religion of the Old Testament in outline. 2 hours. Professor BEWER.  
 12—Readings in Hebrew narratives. 3 hours. Mr. CUMMINGS.  
 13—Readings in Kings. 2 hours. Mr. CUMMINGS.  
 14—Rapid reading of Samuel. 2 hours. Mr. CUMMINGS.  
 25—Exegesis of Exodus. 2 hours. Professor FAGNANI.  
 28—Exegesis of Judges. 2 hours. Professor FAGNANI.  
 29—Exegesis of Isaiah. 2 hours. Professor FAGNANI.  
 30—Exegesis of Isaiah. 2 hours. Professor FAGNANI.  
 73—History of Israel. 2 hours. Professor BEWER.  
 83—History of the earlier Prophets. 2 hours. Professor BEWER.  
 84—History of the later Prophets. 2 hours. Professor BEWER.  
 95-96—Seminar. 2 hours. Professor BEWER.  
 106—Textual criticism. 2 hours. Professor BEWER.  
 18—The Syriac Gospels. 1 hour. Professor FAGNANI.

## PATHOLOGY

*Professor:* ———

*Assistant Professors:* A. M. PAPPENHEIMER (on leave for war service), and J. H. LARKIN.

*Associates:* R. A. LAMBERT, (*Executive Officer*), C. H. BAILEY, and B. T. TERRY.

*Instructors:* M. J. SITTENFIELD and J. H. GLOBUS.

*Assistants:* G. C. ANDREWS, JR., H. C. STUART, S. HIRSHFELD, R. KRAMER, H. N. STEVENSON, F. B. ORR, and J. M. ZIEGLER.

102—General and special pathology, including experimental pathology. Lectures and laboratory, 11½ hours. Drs. LAMBERT, BAILEY, TERRY, and assistants.

106—Gross pathological anatomy and attendance upon autopsies. 4 hours, and at other times as occasion offers. Drs. LAMBERT, BAILEY, TERRY, and assistants.

104—Conference in pathology. 1 hour. Dr. LAMBERT.

110—Case study of autopsy material. 3 hours. Officers of the department.

113-114—Clinical and pathological conference. Lectures and laboratory 1½ hours. Drs. PALMER, LAMBERT, and others.

201-202—Advanced pathology. The officers of the department.

251-252—Research in pathology. Under the direction of the professor of pathology. The officers of the department.

*Equipment.* The department of pathology occupies the greater part of the fourth floor of the north building of the college, together with large class laboratories, amphitheater, photographic-rooms, etc., on the fifth floor. On the fourth floor there are, besides the rooms devoted to the staff, large rooms with abundant desk room for

special workers, several specially equipped operating-rooms for aseptic experimental work, a small chemical laboratory, the museum, preparation-rooms, cold storage, etc. Two rooms on this floor are occupied by the library, which is accessible to workers in this and related departments. The museum of pathology is used both for the instruction of medical students and as a place of deposit for specimens showing new or rare forms of lesion. On the roof there is commodious accommodation for animals together with small special rooms for experimental work. The entire space is amply lighted, fully furnished and equipped with apparatus necessary for routine teaching and special research.

## PHARMACOLOGY

*See introductory paragraphs, page 72*

*Assistant Professor:* C. C. LIEB.

*Instructors:* W. W. COX, T. T. SHEPPARD.

101-102—Experimental pharmacology. C 3 hours, L 4 hours. Professor LIEB and assistants.

213-214—General pharmacology. C 1 hour, L 6 hours. Professor LIEB.

215—Biological standardization of drugs. L 7 hours. Professor LIEB.

217—Practical prescription writing. 3 hours. Professor LIEB.

251-252—Research in pharmacology. Professor LIEB.

*Journal Club.* A journal club, composed of the members of the staff and graduate students holds weekly meetings for the discussion of current literature and special investigations.

The laboratory is equipped with such apparatus as is necessary to study the pharmacologic action of the more important drugs.

## PHARMACY

The New York College of Pharmacy is the Division of Pharmacy of Columbia University. In the section of the Catalogue devoted to the College of Pharmacy will be found a list of its officers and information as to the equipment and method of instruction. The program of studies includes the following courses:

### COLLEGE CLASS

#### *First Year*

Physics, lectures, and recitations. 4 points. Professor ARNY and Dr. SCHAEFER.

General and pharmaceutical chemistry, lectures, and recitations. 6 points. Professors ARNY and Dr. SCHAEFER.

Analytical chemistry, laboratory, and theoretical course and recitations. 3 points. Professor HOSTMANN and Dr. WILLIAMS.

Theory of pharmacy, lectures, and recitations. 5½ points. Professor DIEKMAN and Dr. BROWN.

Practical pharmacy, laboratory course. 2 points. Professors DIEKMAN and WIMMER and Dr. BROWN.

Dispensing pharmacy, laboratory course. 1 point. Professors DIEKMAN and WIMMER and Dr. BROWN.

Pharmaceutical Latin, exercises. ½ point. Professor DIEKMAN and Dr. BROWN.

Pharmaceutical accounting, lectures, and laboratory exercises. 3 points. Mr. KENNEDY and Mr. COUCHMAN.

Physiology, lectures, and recitations. 4 points. Professor RUSBY, Dr. BALLARD, and Miss HART.

Botany, lectures, recitations, and laboratory course. 5 points. Professor RUSBY, and Miss HART.

Vegetable histology, laboratory course. 2½ points. Professor MANSFIELD and Miss HART.

Posology, recitations. 1 point. Miss HART.

#### UNIVERSITY CLASS

##### *Freshman Year*

The program for the University Class will be the same as that for the College Class, announced above, with the exception of Botany, Physiology, and Posology, in place of which the following will be substituted:

General biology, lecture, and recitation course and laboratory course. 7 points. Professor MANSFIELD and Miss HART.

Practical physics, laboratory course. 2 points. Professor ARNY and Dr. SCHAEFER.

#### COLLEGE CLASS

##### *Second Year*

General organic, pharmaceutical and medical chemistry, lectures, and recitations. 8 points. Professors ARNY and HOSTMANN.

Analytical chemistry, laboratory course. 3 points. Professor HOSTMANN and Dr. WILLIAMS.

Practical pharmacy, lectures, and laboratory course. 8½ points. Professors DIEKMANN and WIMMER and Dr. BROWN.

Dispensing pharmacy, laboratory course. 1 point. Professors DIEKMANN and WIMMER and Dr. BROWN.

Pharmaceutical jurisprudence, lectures, and recitations. ½ point. Professors DIEKMANN and WIMMER.

Materia medica, lectures, and recitations. 5 points. Professors RUSBY and Dr. BALLARD.

Toxicology, lectures, and recitations. 1 point. Professor RUSBY and Dr. BALLARD.

Macroscopic pharmacognosy, laboratory course. 1½ points. Professor MANSFIELD and Miss HART.

Microscopic pharmacognosy, laboratory course. 1½ points. Professor MANSFIELD and Miss HART.

#### UNIVERSITY CLASS

##### *Sophomore Year*

The program for the University Class agrees with that for the College Class, as announced above, with the exception of Materia Medica, Toxicology, and Pharmacognosy, for which are substituted the Botany, Physiology, and Posology of the first year College Course.

#### UNIVERSITY CLASS

##### *Junior Year*

Materia medica, toxicology, and pharmacognosy of the second-year College Course.

Technical and synthetic organic chemistry, lectures and recitations, and laboratory course. 4 points. Professors ARNY and HOSTMANN.



Analytical chemistry and urine analysis, chemical laboratory, and microscopical laboratory. 6 points. Professors HOSTMANN and MANSFIELD.

Higher pharmacy, lectures and recitations, and laboratory. 8 points. Professors DIEKMAN and WIMMER and Dr. BROWN.

Dispensing pharmacy, laboratory. 2 points. Professors DIEKMAN and WIMMER and Dr. BROWN.

# UNIVERSITY CLASS

## Senior Year

Inorganic quantitative analysis, lecture and laboratory course. 7 points. Professor HOSTMANN.

Food analysis and toxicology, lecture and laboratory course. 7 points. Professor ARMY.

Physiological chemistry, lecture course. 2 points. Professor GIES.

Pharmaceutical assaying, lecture and recitation course. 2 points. Professor DIEKMAN.

Higher pharmacy, laboratory course. 9 points. Professors DIEKMAN and WIMMER and Dr. BROWN.

Plant analysis, laboratory course. 1 point. Professor RUSBY.

Technical microscopy, lecture and laboratory course. 2 points. Professor MANSFIELD and Miss HART.

Bacteriology, lecture and laboratory course. 1½ points. Professor JESSUP and Miss HART.

# EVENING COURSE IN EXTENSION TEACHING

Chemical urinary analysis, lecture and laboratory course. 6 points. Professor HOSTMANN.

Gravimetric analysis, lecture and laboratory course. 6 points. Professor HOSTMANN.

Food and drug analysis, lecture and laboratory course. 6 points. Dr. SCHAEFER.

Pharmacy of the newer remedies, lecture and laboratory course. 6 points. Professor WIMMER.

Pharmaceutical manufacturing, lecture and laboratory course. 6 points. Professor WIMMER.

Advanced pharmacy, lecture and laboratory course. 6 points. Professor WIMMER.

Microscopical analysis of urine, lecture and laboratory course. 2 points. Professor MANSFIELD.

Macroscopical pharmacognosy, lecture and laboratory course. 6 points. Professor MANSFIELD.

Microscopical pharmacognosy, lecture and laboratory course. 6 points. Professor MANSFIELD.

Histology of medicinal plants, lecture and laboratory course. 6 points. Professor MANSFIELD.

Bacteriology—lecture and laboratory course. 6 points. Miss HART.

*Equipment.* The College of Pharmacy is supplied with a full equipment, in all departments, independent of any of the other resources of the University.

The Library has been built up for the special purpose of supplying the needs of the pharmaceutical profession, both within and without the College. It contains some 5,000 volumes and extensive series of periodicals on pharmacy, chemistry, and botany, and is accessible, during the regular College hours, not only to members and students of the College, but to the pharmacists of the City.

The Information Bureau, conducted as an adjunct to the Library, undertakes to supply information in pharmaceutical subjects to those desiring it, who are unable to visit the library in person.

All lecture courses are fully supplied with charts, apparatus, and materials for demonstrating the subjects taught. The physics laboratory is well supplied with apparatus for students' practice, including a full set of crystal models and a goniometer.

In the chemical and pharmaceutical laboratories there is a separate desk, with locker, for each student, 150 working together, supplied with a full set of apparatus, reagents, and materials. The laboratory in dispensing pharmacy provides a separate desk and locker for each student, with every facility for securing a thorough training in prescription filling.

The bacteriological laboratory is supplied with apparatus for each student, enabling him to become proficient in identifications of bacteria and the making of culture.

In the botanical laboratory, each student is supplied with a complete set of dissecting material to illustrate the gross and microscopical structure of plants, and also with an excellent microscope for the study of cells and cell contents.

In pharmacognosy, each student receives a complete set of several hundred specimens of standard drugs, which he retains permanently.

A similar supply of specimens and microscopes is furnished for the study of all subjects in the course of general biology.

## PHILOSOPHY AND PSYCHOLOGY

*See introductory paragraphs, page 72*

*Professors:* F. ADLER, J. DEWEY (*Executive Officer, Philosophy*), H. G. LORD, D. S. MILLER, E. L. THORNDIKE, F. J. E. WOODBRIDGE, and R. S. WOODWORTH (*Executive Officer, Psychology*).

*Associate Professors:* W. T. BUSH, A. L. JONES, W. P. MONTAGUE, N. NORSWORTHY,<sup>1</sup> W. B. PITKIN, and H. L. HOLLINGWORTH.

*Assistant Professors:* J. J. COSS, H. A. RUGER and M. T. WHITLEY.

*Instructors:* W. F. COOLEY, A. J. POFFENBERGER, JR., H. T. COSTELLO, R. B. OWEN, and H. W. SCHNEIDER.

*Lecturers:* C. L. FRANKLIN, BRAND BLANSHARD, IRWIN EDMAN, W. K. WRIGHT, and T. MUNRO.

*Non-resident Lecturer:* C. CLIFFORD.

*Assistants:* D. R. BRIMHALL, E. A. PRINCE, R. H. PAYNTER, A. J. GATES, HELEN PARKHURST, and S. ELDREDGE.

### PHILOSOPHY

*A1-A2*—Introductory course. Principles of science. 3 hours. 6 points. Professor JONES, Dr. COOLEY, Professor COSS, Dr. OWEN, Dr. SCHNEIDER, Mr. BLANSHARD, Mr. EDMAN, Mr. WRIGHT, and Mr. MUNRO (Columbia College).

*H1*—Honors conference—Readings from the logical writings of Aristotle, Bacon, Mill, and Dewey. Mr. COSS.

*H2* and *H4*—Honors conference. The works of George Santayana. Professor BUSH and Mr. BLANSHARD.

Honors conference. Readings from Bergson. Dr. OWEN.

*A1-A2*—Introductory course. First half-year, psychology; second half-year, logic. 3 hours. 6 points. Professors MONTAGUE, HOLLINGWORTH, Drs. COSTELLO, and PARKHURST (Barnard College), Professor PITKIN (School of Journalism).

*21-22*—Ethics. 3 hours. 3 points. Professor LORD (Columbia and Barnard).

<sup>1</sup>Deceased.

[23-24—Psychological ethics. 4 hours. 4 points. Professor DEWEY and Mr. COSS (Columbia).]

61-62—The History of Philosophy. 3 hours. 8 points. Professor MONTAGUE (Barnard).

61—History of ancient philosophy. 4 hours. 4 points. Professor WOODBRIDGE (Columbia).

62—History of medieval and modern philosophy. 4 hours. 4 points. Professor WOODBRIDGE (Columbia).

65—Philosophical classics. 3 hours. 3 points. Professor BUSH (Columbia).

66—The Dialogues of Plato. 2 hours. 3 points. Professor BUSH (Barnard).

79-80—Contemporary philosophy. 2 hours. 6 points. Dr. COSTELLO (Barnard).

107—Recent English realism. 2 hours. 3 points. Dr. COSTELLO.

108—Logistic. 2 hours. 3 points. Dr. COSTELLO.

[121-122—Psychological ethics. 8 points. Professor DEWEY and Mr. COSS.]

126—Religion and ethics. 3 points. Professor ADLER.

131-132—Moral and political philosophy. 3 hours. 8 points. Professor DEWEY, Mr. COSS, and Dr. SCHNEIDER.

161—General history of philosophy. Part I. 4 hours. Professor WOODBRIDGE.

162—General history of philosophy. Part II. 4 hours. Mr. COSS.

166—The Dialogues of Plato. 3 hours. Professor BUSH.

171-172—Present position of religion. 2 hours. 6 points. Professor WILLIS.

175-176—Neo-scholasticism. 2 hours. Father CLIFFORD.

178—Recent philosophy in America. 2 hours. 3 points. Professor BUSH.

179-180—Contemporary philosophy. 2 hours. 6 points. Professor MONTAGUE.

199-200—Seminar for Master of Arts. 4 points. Dr. COOLEY.

Education 241-242—Philosophy of education. 4 points. Professor KILPATRICK.

201-202—Types of logical theory. Professor DEWEY.

303-304—Metaphysics. 6 points. Professor WOODBRIDGE.

225-226—Chief problems of ethics. 2 hours, bi-weekly. Professor ADLER.

231-232—Seminar. The mill. 2 hours, bi-weekly. Professor DEWEY.

261—British philosophy. 3 points. Dr. OWEN.

Education 441-442—Practicum. Philosophy of education. 6 points. Professors KILPATRICK and HENDERSON.

Education 443-444—Practicum. Philosophy of education. 2 hours. 6 points. Professor KILPATRICK.

Education 446—Philosophy and education in their historic relations. 3 points. Professor DEWEY.

Departmental conferences are held bi-weekly throughout the year. Candidates for the degree of A.M. or Ph.D. are expected to attend and participate.

#### EXTENSION TEACHING

eA1—Principles of science; methods, deductive and inductive logic. 3 points. Dr. OWEN.

eA—Principles of science; concepts and problems of philosophy. 3 points. Dr. SCHNEIDER.

eA4—Same as eA1. Dr. COOLEY.

eA5—Same as eA2. Mr. COSS.

e21—Ethics, theoretical and practical. 2 points. Dr. COOLEY.

e22—Ethical ideals, past and present. 2 points. Dr. COOLEY.

*e135-136*—Radical, conservative, and reactionary tendencies in present-day morals. 2 full or half courses. Professor MONTAGUE.

*e161-162*—History of philosophy. 2 half courses. Dr. COOLEY.

#### SUMMER SESSION

*sA1*—Principles of science: methods, deductive and inductive logic. 3 points. Dr. COOLEY.

*sA2*—Principles of science: concepts and problems of philosophy. 3 points. Professor BROWN.

*s101*—Pragmatic movement. 3 points. Professor DEWEY.

*s111*—Modern scientific conceptions. 3 points. Professor BROWN.

*s119*—Present day philosophy of evolution. 3 points. Professor CLAUTAYNE.

*s122*—Ethical ideals past and present. 3 points. Dr. COOLEY.

*135*—Radical, conservative, and reactionary tendencies in present-day morals. 3 points. Professor MONTAGUE.

*s141*—Esthetics. 3 points. Dr. KALLER.

*s171*—Typical theories of life. 3 points. Dr. KALLER.

*s221*—Ethical concepts. 3 points. Professor DEWEY.

#### PSYCHOLOGY

*1*—Elements of general psychology. 3 hours. 3 points. Professor LORD.

*2*—Social psychology. 3 hours. 3 points. Professor LORD.

*3-4*—Experimental psychology, introductory course. *C* 2 hours, *L* 4 hours. 8 points. Professor WOODWORTH and Dr. POFFENBERGER, assisted by Mr. BRIMHALL.

*7-8*—Experimental psychology, introductory course. *C* 3 hours, *L* 3 hours. 8 points. Professor HOLLINGWORTH assisted by Miss PRINCE (Barnard).

*9-10*—Experimental psychology, intermediate. *C* 1 hour, *L* 4 hours. 6 points. Professor HOLLINGWORTH assisted by Miss PRINCE (Barnard).

*11*—Abnormal and applied psychology. 2 hours. 3 points. Professor HOLLINGWORTH (Barnard).

*12*—Analytic psychology. 2 hours. 3 points. Professor HOLLINGWORTH (Barnard).

*45*—Applied psychology. 2 hours. 2 points. Dr. POFFENBERGER.

*101-102*—Survey of modern psychology. 6 points. Professor WOODWORTH.

*103-104*—Experimental study of the intellectual processes. 8 points. Professor WOODWORTH and Dr. POFFENBERGER.

*113-114*—Laboratory work in psychology. 6 points. Professor WOODWORTH and Dr. POFFENBERGER.

*121-122*—Physiological psychology. 6 points. Professor WOODWORTH assisted by Mr. BRIMHALL.

*135-136*—Pathological psychology. 6 points. Professor WOODWORTH.

*171-172*—The psychology of religion. Professor COE (Union Theological Seminary).

*201*—Psychological tests. 3 points. Professor WOODWORTH.

*261*—Advanced systematic psychology. 3 points. Dr. POFFENBERGER.

Research in psychology. Professors WOODWORTH and HOLLINGWORTH, Dr. POFFENBERGER, and Mrs. FRANKLIN.

For courses in Educational Psychology, see page 107.

#### SUMMER SESSION

*s1*—Elements of psychology. 2 points. Professors WASHBURN and WOODWORTH.

*s101*—Survey of modern psychology. 3 points. Professor WOODWORTH.

*s104*—Experimental psychology. 3 points. Dr. POFFENBERGER and Mr. PAYNTER.

- s131*—Physiological psychology. 3 points. Dr. POFFENBERGER.  
*s135*—Abnormal psychology. 3 points. Professor HOLLINGWORTH.  
*s137*—Mental hygiene. 3 points. Dr. KARPAS.  
*s141*—Applied psychology. 3 points. Professor HOLLINGWORTH.  
*s165*—Social psychology. 3 points. Professor WASHBURN.  
*s283*—Research course. 3 points. Professor WOODWORTH.

## EXTENSION TEACHING

- e1-2*—Elements of psychology. 6 points. Dr. POFFENBERGER and Dr. GATES.  
*e5-6*—Psychology for nurses and social workers. 4 points. Miss ROMER.  
*e131*—Mental hygiene. 3 points. Dr. LAMBERT.  
*e132*—Psychology in the national service. 3 points. Professor WOODWORTH.  
*e145-146*—Applications of psychology. 6 points. Professor HOLLINGWORTH.  
*e165-166*—Social psychology. 6 points. Professor WOODWORTH.  
 Business *e117-118*—Psychology of advertising and selling. 4 points. Professor HOLLINGWORTH.

*Equipment.* The library facilities of Columbia University and of the city of New York, for students of philosophy and psychology, are unusually good. The collection of books on the history of philosophy in the University Library is very large, that on Kant and his philosophy being especially complete. About 1,000 periodicals are regularly received, and among them will be found every journal of importance, American or foreign, dealing with philosophy or psychology. Duplicates of the more important psychological books and journals are placed in the Psychological Laboratory, where there is also a card index of psychological literature containing over 50,000 titles. Students of psychology will also find much of value in the Library of the Academy of Medicine, 17 West Forty-third Street, which is open to students free of charge. The New York Public Library is available for students, when introduced by one of the instructors, on especially favorable terms.

The Psychological Laboratory in Schermerhorn Hall, besides the lecture-room and laboratories for introductory courses, contains ten rooms available for research work, some of them being specially constructed for particular sorts of psychological experiments. There is also a departmental library of the most important original literature of experimental psychology, and a well-equipped workshop in which much of the apparatus required for research or for laboratory courses is made by the aid of a skilled instrument maker. The collection of apparatus includes that required for demonstration in courses in experimental and physiological psychology and for laboratory work in the same subjects; the outfit of an anthropometric laboratory with a full equipment for various forms of mental tests; an adding machine and other aids in statistical work; and apparatus that has been used or is being used in research.

## PHYSICAL EDUCATION

*See introductory paragraphs, page 72*

*Professor:* T. D. WOOD (*Executive Officer*), G. L. MEYLAN.

*Assistant Professors:* H. B. KEYES and E. S. ELLIOTT.

*Associates:* T. N. METCALF, G. DUDLEY.

*Lecturer:* M. BURNS.

*Instructors:* E. T. KENNEDY, G. WEEMAN, C. J. MERNER, B. LARSON, and D. STILES.

*Assistants:* G. HOLM and L. C. COLSEY.

*Hygiene 1-2*—Lectures, quizzes, and reports on topics of personal and community hygiene. 3 hours. Professor MEYLAN.

A1-A2—Elementary graded gymnastic exercise, athletics, and swimming. 3 hours. 3 points. Professors MEYLAN and ELLIOTT, Messrs. METCALF, WEEMAN, MERNER, COLSEY, HOLM, and KENNEDY (Columbia).

A1-A2—Lectures on personal hygiene, elementary athletics, games, and dancing. In sections. 2 hours. Miss LARSEN.

A3-A4—Hygiene and sanitation. 1 hour. 1 point. Professors MEYLAN and ELLIOTT, Messrs. METCALF and KIRKPATRICK.

B1-B2—Lectures on hygiene and sanitation, athletics, games, and dancing. In sections. 2 hours. Miss LARSEN.

C1-C2—National folk and esthetic dancing. 2 hours. Miss LARSEN.

D1-D2—Hygiene and public health problems. 1 hour. Miss LARSEN.

e1-2—Hygiene and sanitation. 3 hours. 6 points. Professor MEYLAN.

eA1-A2—Gymnastics and games. 4 points. Dr. ELLIOTT.

eX1-X2—Wrestling. Mr. PETERSON.

eY1-Y2—Swimming. Mr. KENNEDY.

eZ1-Z2—Boxing. Mr. WEEMAN.

I-2—Athletics, games, gymnastics, swimming, and life-saving. 3 hours. 2 points. Mr. WEEMAN.

See also courses given at Teachers College. For details consult the separately printed *Bulletin of Teachers College, School of Practical Arts*.

*Equipment.* The main exercising-room is semi-circular in shape, and has a floor area of 16,000 square feet. The ceiling is 35 feet high, and the room is well lighted and well ventilated, both naturally and artificially. The running track is 11 feet wide, with ends raised, and measures 10 laps to the mile. On the same floor as the running track are the Gymnasium and Director's offices, an auxiliary gymnasium 80 x 100 feet, rooms for fencing, boxing, and handball, two large dressing-rooms with 2,600 steel lockers, and 32 shower-baths. Below the exercising-room is the swimming pool, semi-circular in shape; it measures 100 by 50 feet on its axes, and contains 260,000 gallons of water which is filtered and sterilized daily. The depth is from 4 to 10 feet. Around the pool are the dressing-rooms and 20 shower- and needle-baths. On this floor is also a large room and two dressing-rooms equipped with shower-baths and lavatories, for the use of the various athletic teams.

The athletic field is equipped with a  $\frac{1}{4}$ -mile running track, football field, baseball field, basketball court, facilities for jumping, pole vaulting, putting the shot, etc., 12 tennis courts, and a dressing-room with 1,000 lockers and shower-baths.

The Gould Boat-house, located on the Hudson River, at the foot of 116th Street, is equipped with boats of all descriptions, lockers, baths, etc.

The Frederick Ferris Thompson Memorial Building, which houses the department of Physical Education of Teachers College, was given by Mrs. F. F. Thompson. It is a building of four stories, devoted to the purpose of physical education and educational hygiene. It contains offices, examination rooms, lecture- and class-rooms, laboratories, handball courts, bowling alleys, a swimming pool, four gymnasiums, rooms for corrective exercises, dressing-rooms, shower-baths, fencing-room, and a suite of rooms for photographic purposes. This building provides physical-training facilities for women and the pupils of the Horace Mann School, and the varied equipment for the theoretical and practical instruction of professional students in physical education.

The Gymnasium is open daily during the academic year, except on Sundays and legal holidays, from 8:30 a. m. to 6:30 p. m., Tuesdays, Fridays, and Saturdays, and 8:30 a. m. to 10 p. m., Mondays, Wednesdays, and Thursdays. It is closed for the entire day only on Thanksgiving, Christmas, New Year's, and Good Friday. On all

other holidays it is open from 3 to 6 p. m. One or more of the instructors are on the floor at all times when the Gymnasium is open.

A course in physical education is required of all freshmen in Columbia College, also first-year students in the School of Journalism. A physical examination is required of each student in these classes upon entrance and at the end of the second year, and of all other students taking part in athletics.

Every student is entitled to a physical examination by the Medical Director. On the basis of this examination advice is given as to the kind and amount of exercise best adapted to his needs.

## PHYSICS

*See introductory paragraphs, page 72*

*Professors:* G. B. PEGRAM (*Executive Officer*), C. L. POOR, M. I. PUPIN, G. V. WENDELL, A. P. WILLS, and J. A. WOODHULL.

*Associate Professors:* C. H. BURNSIDE, BERGEN DAVIS, M. E. MALTBY, and J. P. C. SOUTHALL.

*Assistant Professors:* H. W. FARWELL, F. C. SCHROEDER, C. C. TROWBRIDGE, and H. W. WEBB.

*Instructors:* G. LANGFORD, L. B. MORSE, W. L. SEVERINGHAUS, and M. F. WEINRICH.

*Lecturers:* L. C. BRANT, W. S. DAY, and C. C. UNNEWEHR.

*Assistants:* C. L. PIERCE, L. TONKS, and C. ULREY.

### EXPERIMENTAL PHYSICS, MECHANICS, AND MATHEMATICAL PHYSICS

*A1-A2 and A4-A5*—General elementary physics. *C* 3 hours and *L* 2 hours. 4 points. Professors DAVIS and FARWELL, Mr. STONE, Mr. ULREY, Mr. TONKS, and Mr. PIERCE.

*B1-B2*—General elementary physics. *C* 3 hours and *L* 2 hours. 4 points. Professor FARWELL, Mr. ULREY, and Mr. STONE.

*6*—Mechanics and wave motion. 6 hours. 6 points. Professor WENDELL, Dr. MORSE, Dr. SEVERINGHAUS, and Dr. WEINRICH.

*7*—Heat and light. *C* 6 hours. 6 points. Professor WENDELL, Dr. MORSE, Dr. SEVERINGHAUS, and Dr. WEINRICH.

*8*—Electricity. 6 hours. 6 points. Professor WENDELL, Dr. MORSE, and Dr. SEVERINGHAUS.

*49-50*—Physical laboratory. *L* 3 hours. 3 points. Professor WENDELL, Dr. SEVERINGHAUS, Dr. MORSE, and Dr. WEINRICH.

*41-42*—Physical laboratory. *L*, 2, 4, or 6 hours. 1, 2, or 3 points. Professor FARWELL.

*10*—Mechanics—statics. 3 hours. 3 points. Professors BURNSIDE and SCHROEDER.

*12*—Mechanics—statics. 2 hours. 2 points. Professors BURNSIDE and SCHROEDER.

*15-16*—Analytical mechanics. 3 hours. 3 points. Professor PEGRAM.

*123-124*—Mechanics. 3 hours.  $4\frac{1}{2}$  points each Session. Professor PEGRAM.

*103-104*—Statics and dynamics. 3 hours. 3 points each Session. Professors BURNSIDE and SCHROEDER.

*111-112*—Theory of electricity and magnetism. *C* 2 hours. 2 points each Session. Professor WILLS.

*113-114*—Theory of alternating current machines and theory of electrical currents. 2 hours. 2 points each Session. Professor MORECROFT.

*149*—Physical laboratory. *L* 3 hours. 2 points. Professor WENDELL, Dr. SEVERINGHAUS, and Mr. UNNEWEHR.

150—Physical measurement and physical laboratory. *C* 2 hours, *L* 3 hours. Professor WENDELL, Dr. WEINRICH, and Dr. SEVERINGHAUS.

156—Electricity and magnetism. *C* 3 hours. 4½ points. Professor DAVIS.

157—Experimental optics. *C* 3 hours. 4½ points. Dr. MORSE.

151-152—Advanced laboratory course. *L* 4 to 16 hours. 2 to 8 points. Professor TROWBRIDGE.

201—Vector analysis and mathematical introduction. *C* 4 hours. 6 points. Professor WILLS.

203-204—Partial differential equations of physics. *C* 2 hours. 3 points each Session. Dr. WEBB.

208—Elasticity. *C* 4 hours. 6 points. Professor WILLS.

255—Ionization of gases and electrical constitution of matter. 3 hours. 4½ points. Professor DAVIS.

258—Phenomena of radio-activity. *C* 2 hours. 3 points. Professor PEGRAM.

*Journal Club.* The Journal Club of the Department meets every week for the discussion of the current literature of physics, and for reports of special investigations.

#### BARNARD COLLEGE

1-2—Elementary physics. *C* 3 hours, *L* 2 hours. 6 points. Professor MALBY, Miss LANGFORD, and Miss BRANT.

11-12—General physics. *C* 3 hours, *L* 2 hours. 6 points. Professor MALBY, Miss LANGFORD, and Miss BRANT.

31—Mechanics. *C* 3 hours, *L* 2 or 4 hours. 4 or 5 points. Miss LANGFORD.

32—Heat and properties of matter. *C* 3 hours, *L* 2 or 4 hours. 4 or 5 points. Miss LANGFORD.

35—Electricity. *C* 3 hours, *L* 2 hours. 4 points. Miss LANGFORD.

36—Electricity. *C* 3 hours, *L* 2 hours. 4 points. Miss LANGFORD.

#### SUMMER SESSION

*Phys. sA1-sA2*—Elementary course in general physics. Professor FARWELL, Dr. MORSE, Mr. ULREY, and Mr. STEMPEL.

*Phys. s6*—Elementary mechanics, hydrostatics, and wave motions. 6 points. Dr. WEINRICH.

s33-*a* or *b*—Intermediate laboratory course in general physics. 1 or 2 points. Dr. SEVERINGHAUS.

s43—Physical laboratory. 3 points. Dr. SEVERINGHAUS.

s151—Advanced laboratory work in optics and electricity. 2 points. Dr. SEVERINGHAUS and Mr. UNNEWEHR.

s157—Physical optics. 3 points. Mr. BROWN.

#### EXTENSION TEACHING

eA1-A2—Elementary course in general physics. *C* 3 hours, *L* 2 hours. 8 points. Mr. BROWN, and Mr. ULREY.

eA1-A2—Same as above but at Long Island College. Mr. BROWN, Mr. STEMPEL, and Mr. MATTSON.

eP1—General principles and processes of photography. 2 points. Dr. WEINRICH.

Optometry A1—General course. Professor SOUTHALL.

Optometry 1-2—Theoretical optics. Professor SOUTHALL and Mr. ULREY.

Optometry 3-4—General anatomy with special reference to the anatomy and physiology of the eye. Mr. WOLL.

Optometry 6—Practical optics. Mr. WOLL.



Optometry 8—Theoretical optometry. Mr. WOLL.

Optometry 9-10—Theoretical optics. Professor SOUTHALL.

Optometry 11-12—Physiological optics. Professor SOUTHALL and Mr. ULREY.

Optometry 13-14—Practical optics. Mr. WOLL and Mr. ROBERTS.

Optometry 15-16—Theoretical optometry. Mr. CROSS.

Optometry 17-18—Pathological conditions of the eye. Dr. WELZMILLER.

Optometry 19-20—Practical optometry. Mr. CROSS.

For courses in Physics offered in Teachers College see page 172.

*Equipment.* The laboratories and lecture-rooms of the Department of Physics are in Fayerweather Hall. They are supplied with the usual general equipment of a physical laboratory.

The laboratories used for research work have been named by the Trustees the "Phoenix Physical Laboratories," in memory of Mr. Stephen Whitney Phoenix, who bequeathed to the University an endowment for research in physics and chemistry.

Under the direction of the professor of electro-mechanics, laboratories have been equipped in Philosophy Hall from the Marcellus Hartley fund for research in the subjects of electricity and magnetism. The laboratories afford unusual opportunities for students desiring to specialize in these subjects.

A recent gift from Mr. Edward Dean Adams provides a sum to procure apparatus for the Ernest Kempton Adams Precision Laboratory. As rapidly as the apparatus can be purchased and installed this laboratory is being equipped with instruments of the best design and highest precision for measurements in mechanics, heat, light, radio-activity, and those branches of electricity not already provided for by the Marcellus Hartley fund.

The physics laboratories at Barnard College occupy the second floor and a part of the basement of Fiske Hall. They are well equipped for quantitative experimental work in the courses offered.

The physics laboratories and lecture-room of Teachers College are especially equipped for illustrating the teaching of physics in secondary and normal schools.

## PHYSIOLOGY

*See introductory paragraphs, page 72*

*Professor:* F. S. LEE (*Executive Officer*).

*Associate Professors:* R. BURTON-OPITZ and F. H. PIKE.

*Assistant Professor:* H. B. WILLIAMS.

*Associates:* E. L. SCOTT, and J. S. WHEELWRIGHT.

*Instructors:* W. F. BENDER, F. W. BISHOP, W. W. COX, T. T. SHEPPARD, and O. H. LEBER.

*Research Assistant:* H. C. COOMBS.

106-107—Human physiology. C 5 hours, D 1 hour, L 3 hours. 8 points each session. Professor BURTON-OPITZ and Drs. BENDER, BISHOP, COX, CUNNINGHAM, IRISH, and LEBERS.

109—Carbohydrate metabolism. C 1 hour, with reading assignment. 1 point. Dr. SCOTT (E. L.).

201-202—General physiology. C 1 hour, L 5 hours. 4 points each Session. Professor PIKE and Dr. SCOTT (E. L.).

203-204—Special physiology. C 1 hour, L 5 hours. 4 points each Session. Professors BURTON-OPITZ and PIKE and Dr. SCOTT (E. L.).

205-206—Problems of evolution from the standpoint of physiology. C 1 hour. 1½ points each Session. Professor PIKE.

251-252—Research in physiology. 1-4 points each Session. Under the direction of the professor of physiology. The officers of the department

#### SUMMER SESSION

51 or 51a—Elementary physiology. C 5 hours, L 4 hours. 2 or 3 points. Professor BURTON-OPITZ and Dr. BISHOP.

52—Advanced physiology. C 3 hours, L 4 hours. 2 points. Professor BURTON-OPITZ and Dr. BISHOP.

5103—General physiology. C 2 hours. 1 point. Professor BURTON-OPITZ.

5104—Advanced practical physiology. 3 points. L 6-10 hours. Professor BURTON-OPITZ and Dr. BISHOP.

5105—Mammalian physiology. 3 points. Professor BURTON-OPITZ and Dr. BISHOP.

#### EXTENSION TEACHING

Oral hygiene 18a—General physiology with reference to the oral cavity. L 1 hour. 1½ points. Professor BURTON-OPITZ.

*Equipment.* The main equipment of the Department of Physiology is at the College of Physicians and Surgeons. It comprises three laboratories, which are provided with special apparatus for teaching purposes; five laboratories for research; several private rooms for the use of the officers of the department; the Swift Physiological Cabinet, containing a specially endowed and very full collection of apparatus of precision, mainly for research; a library containing complete sets of all of the physiological journals, monographs, and other books, and many reprints of special articles; two dark rooms for optical and photographic work; and an outfit of machines and tools for working in wood and metal. Skilled mechanics give their entire time to the design, manufacture, and repair of apparatus. The laboratories are connected by wires with the Vanderbilt Clinic and the Roosevelt Hospital so that the string galvanometers of the department are available for making electrocardiographic records from patients. In Schermerhorn Hall at Morningside Heights the department has the use of a laboratory equipped for instruction.

### PRACTICAL ARTS

*See introductory paragraphs, page 72*

(For courses in Practical Arts Education, see page 120)

The School of Practical Arts of Teachers College is the Division of Practical Arts of Columbia University. In the section of the Catalogue devoted to Teachers College (see Table of Contents) will be found a list of its officers and a statement of its equipment for instruction and research in practical arts.

#### BIOLOGY

1—Elementary human anatomy and physiology. 2 points. Miss STACKPOLE.

3—Introduction to biology. 4 points. Miss STACKPOLE.

4—Human biology. 4 points. Miss STACKPOLE.

4x—Biology for sex-education. 1 point. Miss STACKPOLE.

51-52—Biological nature-study. 4 points. Professor BROADHURST and Miss STACKPOLE.

53—Biology applied to physiology. 4 points. Miss STACKPOLE and Professor BIGELOW.

57—Elementary microbiology (including bacteriology). 2 points. Professor BROADHURST.

153-154—Special problems in applied biology (including bacteriology). 8 points. Professors BIGELOW and BROADHURST.

253-254—Advanced bacteriology applied to practical arts. 8 points. Professor BROADHURST.

#### SUMMER SESSION

51—Biological nature-study. 2 points. Miss STACKPOLE and Professor BROADHURST.  
553—Biology applied to physiology and hygiene for teachers. 2 points. Miss STACKPOLE and Professor BIGELOW.

557—Applied bacteriology, elementary. 2 points. Professor BROADHURST.  
5153—Problems of applied biology, including bacteriology. 2 points. Professors BROADHURST and BIGELOW.

#### GENERAL CHEMISTRY

1-2—General chemistry. 8 points. Professor CARPENTER.

3—Elements of chemistry. 4 points. Miss FRANCIS.

5—Intermediate chemistry. 4 points. Miss FRANCIS.

#### ORGANIC AND HOUSEHOLD CHEMISTRY

25—Food industries. 3 points. Professor VULTÉ and Miss VANDERBILT.

31—Household and organic chemistry. 4 points. Professor VULTÉ, Miss VANDERBILT, and Mrs. MCGOWAN.

31A—A modification of chemistry 31. 4 points. Miss FRANCIS.

31C—(Text.) Textile chemistry. 1 point. Mrs. MCGOWAN.

41—Organic chemistry for household arts. 4 points. Professor VULTÉ, Miss VANDERBILT, and Mrs. MCGOWAN.

121-122—Household chemistry, advanced. 6 points. Professor VULTÉ, and Miss VANDERBILT.

#### BIOLOGICAL CHEMISTRY

51—Physiological chemistry. 4 points. Professor GIES and Dr. HEFT.

51x—Biochemistry of nutrition in disease. 1 point. Professor GIES.

125—Physiological chemistry. 4 points. Professor GIES and Dr. HEFT.

127—Physiological chemistry, advanced. 4 points. Professor GIES and Dr. HEFT.

225-226—Research in biological chemistry. 8 points. Professor GIES.

#### SUMMER SESSION

51—General chemistry applied to practical arts. 4 points. Professor CARPENTER.

52—General chemistry, continued. 4 points. Professor CARPENTER.

525—Food industries. 3 points. Professor VULTÉ and Miss CAMPBELL.

531—Household chemistry. 4 points. Professor VULTÉ and Miss BISHOP.

531C—Textile chemistry. 1 point. Miss MOSS.

551—Physiological chemistry. 4 points. Professor GIES and Dr. SEAMAN.

5121—Household chemistry, advanced. 3 points. Professor VULTÉ and Miss BISHOP.

5125—Physiological chemistry. 4 points. Professor GIES.

#### ECONOMIC SCIENCE

1—Principles of economics. 3 points. Professor ANDREWS.

79—Household economic science. 2 points. Professor ANDREWS.

- 81—Household accounts. 2 points. Professor ANDREWS.  
 164—Economic problems. 2 points. Professor ANDREWS.  
 165—The household in economic production. 2 points. Professor ANDREWS.  
 166—Household budgets. 2 points. Professor ANDREWS.  
 265-266—Problems of household economic science. 4 points. Professor ANDREWS.  
 301-302—Introduction to research in economic and social problems related to practical arts. 8 points. Dr. ALLINSON.

## SUMMER SESSION

- 579—Household economics, introductory budget course. 2 points. Miss McKEOWN.  
 5165—The household in economic production. 2 points. Miss McKEOWN.

## HYGIENE

- A—Personal hygiene. 2 points. Professor WOOD, Miss DREW, Miss DANIELL, and Miss BUCKLEY.  
 75—Sanitary science. 2 points. Professors WINSLOW and BROADHURST.  
 76—Industrial hygiene. 2 points. Professor WINSLOW.  
 77—Health administration. 2 points. Dr. EMERSON.  
 185-186—Public health investigation. 4 points. Professor WINSLOW.

## PHYSICS

- 1—General course in applied physics. 4 points. Mr. GOOD.  
 2—Applied physics. 4 points. Mr. GOOD.  
 2x—Sound as related to music. 1 point. Mr. GOOD.  
 31—Household physics. 2 points. Mr. GOOD.

## SUMMER SESSION

- 51a—Applied physics for students of practical arts. 2 points. Mr. GOOD and Mr. VON HOFE.  
 51b—Laboratory exercises in applied physics. 2 points. Mr. GOOD and Mr. VON HOFE.

## SOCIAL SCIENCE

- 89—Introduction to social problems. 2 points. Professor CHADDOCK.  
 90—Basis of social legislation. 2 points. Professor CHADDOCK.  
 103—Modern social problems. 2 points. Professor CHADDOCK.  
 289—Practicum in social investigation. 4 points. Professor CHADDOCK.  
 301-302—Introduction to research in economic and social problems related to practical arts. 8 points. Dr. ALLINSON.

## FINE ARTS

- 1—Art structure A. 3 points. Professors DOW and CORNELL and Miss TANNAHILL.  
 2—Art structure B. 3 points. Professors DOW and CORNELL and Miss TANNAHILL.  
 3—Freehand drawing. 2 points. Mr. MARTIN.  
 3x—Blackboard drawing. 1 point. Mr. MARTIN.  
 4—Freehand drawing, advanced. 2 points. Mr. MARTIN. (*Not given in 1917-1918.*)  
 7-8—Art photography I. 4 points. Mr. WHITE.  
 11—Household design, elementary. 3 points. Professor WARNER, Mr. MEEKER, and Mrs. BROWN.  
 14—Principles of home decoration. 3 points. Professor WARNER and Mr. MEEKER.  
 21—Costume design. 3 points. Miss WILMOT and Miss NORTHRUP.

- 21x—Costume design for dressmaking. 2 points. Miss WILMOT.  
 23-24—Costume design, advanced. 6 points. Miss NORTHUP.  
 25-26—Clay modeling. 4 points. Mr. UPJOHN.  
 31-32—Design in the art industries. 6 points. Professor DOW and Mr. THATCHER.  
 37-38—Art Photography II. 4 points. Mr. WHITE.  
 41—Household design, advanced. 3 points. Professor WARNER and Mr. MEEKER.  
 49-50—Art Structure Ca. 3 points. Professor DOW and Miss TANNAHILL.  
 51-52—Art Structure C. 6 points. Professors DOW and CORNELL and Mr. THATCHER.  
 53-54—Drawing and painting. 4 points. Mr. MARTIN.  
 53a—Drawing and painting. 1 point. Mr. MARTIN.  
 57-58—Furniture design. 3 points. Professor WARNER and Mr. MEEKER.  
 59-60—Metalwork design. 3 points. Professor WARNER, Mr. MEEKER, and Mrs. BROWN.  
 61-62—Design for house furnishings. 6 points. Professor WARNER and Mr. MEEKER.  
 69-70—Art appreciation. History of art. 4 points. Professor DOW.  
 71-72—Costume illustration. 6 points. Miss NORTHUP.  
 75—Lettering. 3 points. Miss TANNAHILL.  
 80—Home furnishings. 4 points. Professor WARNER and Mr. GRAY.  
 81-82—Art structure D. 6 points. Professors DOW and CORNELL and Miss TANNAHILL.  
 83-84—Painting. 8 points. Professor BEMENT and Mr. MARTIN.  
 83a—Painting. 1½ points. Professor BEMENT.  
 89-90—House decoration and furnishing. 8 points. Professor WARNER.  
 91-92—Costume design and illustration, advanced. 6 points. Miss NORTHUP.  
 93—Life class for women. 3 points. Professor BEMENT.  
 123-124—Costume design, advanced. 6 points. Miss NORTHUP.  
 151-152—Art structure C. 6 points. Professors DOW and CORNELL and Mr. THATCHER.  
 160-170—Art appreciation. 4 points. Professor DOW.  
 181x—Art for school and community festivals. 1 point. Miss NORTHUP.  
 189-190—House decoration. 4 points. Professor WARNER.  
 281-282—Art structure D. 6 points. Professors DOW and CORNELL and Miss TANNAHILL.  
 283-284—Painting. 8 points. Professor BEMENT and Mr. MARTIN.

## SUMMER SESSION

- 51—Art structure. 2 points. Mrs. ATWELL and Miss COLE.  
 52—Art structure, advanced. 2 points. Mrs. ATWELL and Miss COLE.  
 55—Jewelry. 3 points. Mr. MARTIN.  
 511—Household design. 3 points. Professor WARNER, Mr. MEEKER, and Mrs. BROWN.  
 514—Principles of home decoration. 3 points. Professor WARNER and Mr. MEEKER.  
 521—Costume design, elementary. 3 points. Miss WILMOT and Miss NORTHUP.  
 522—Costume design, advanced. 3 points. Miss NORTHUP.  
 525—Clay modeling. 2 points. Mr. UPJOHN.  
 541—Household design, advanced. 3 points. Professor WARNER and Mr. MEEKER.  
 553—Drawing and painting. 2 points. Mr. HUMANN.  
 554—Drawing and painting. 2 points. Mr. HUMANN.  
 555—Pottery. 2 points. Mr. UPJOHN.  
 557—Furniture design. 3 points. Professor WARNER and Mr. MEEKER.

- s80*—Household furnishings. 2 points. Professor WARNER.  
*s83*—Advanced painting. 3 points. Mr. MARTIN.  
*si22*—Costume design for graduate students. 3 points. Miss NORTHRUP.  
*si51*—Art structure for graduate students. 3 points. Mrs. ATWELL.  
*si83*—Advanced painting for graduate students. 3 points. Mr. MARTIN.

## FOODS AND COOKERY

- 1*—Technology of cookery. 2 points. Professor VAN ARSDALE, Miss STONE, Miss MONROE, and Miss COLMAN.  
*2*—Elements of cookery. 3 points. Mrs. GUNN.  
*3*—Principles of cookery. 3 points. Miss PEACOCK, Miss FRAME, and Miss STONE.  
*4*—Applied principles of cookery. 3 points. Miss PEACOCK, Miss FRAME, and Miss STONE.  
*41*—Home cookery and table service. 4 points. Miss PEACOCK, Mrs. GUNN, and Miss FRAME.  
*61*—Lecture-demonstrations in cookery. 3 points. Miss SHAPLEIGH.  
*71*—Cookery for invalids. 2 points. Miss PEACOCK.  
*75*—Institutional cookery. 4 points. Miss MANN.  
*81*—Practice in demonstration cookery. 3 points. Miss BARROWS and Miss SHAPLEIGH.  
*85*—Catering. 3 points. Miss SHAPLEIGH.  
*90*—History of cookery. 1 point. Miss SHAPLEIGH.  
*99*—Advanced practice. 2 points. Professor VAN ARSDALE and others.  
*129-130*—Problems in cookery. 8 points. Professor VAN ARSDALE.  
*131*—Experimental cookery. 4 points. Professor VAN ARSDALE, Miss FRENCH, and Miss MONROE.  
*232*—Research in cookery. 4 points. Professor VAN ARSDALE, Miss MONROE, and Miss COLMAN.

## SUMMER SESSION

- si*—Technology of cookery. 2 points. Professor VAN ARSDALE, Miss STONE, and Miss MONROE.  
*s2*—Elements of cookery. 3 points. Mrs. GUNN and Miss CONWAY.  
*s3*—Elementary food preparation. 3 points. Mrs. GUNN.  
*s5*—Cookery for social workers. 2 points. Miss GIBBS.  
*s41*—Home cookery and table service. 4 points. Miss PEACOCK and Miss STONE.  
*s45*—Canning and preserving; jelly and cake-making. 3 points. Miss PEACOCK, Miss WARREN, Mrs. CUSHING, and Miss STONE.  
*s61*—Demonstrations in fine cookery. 3 points. Miss SHAPLEIGH.  
*s77*—School luncheon cookery. 4 points. Miss LAGANKE, Miss BECKER, and Miss DAVIS.  
*s81*—Demonstration cookery. 2 points. Miss SHAPLEIGH.  
*s90*—The history of cookery. 1 point. Miss SHAPLEIGH.  
*si29*—Problems in cookery for graduate students. 4 points. Professor VAN ARSDALE and Miss MONROE.  
*si31*—Experimental cookery. 4 points. Professor VAN ARSDALE, Miss MONROE, and Miss WARREN.  
*s231*—Experimental cookery, advanced. 4 points. Professor VAN ARSDALE and Miss MONROE.

## NUTRITION AND FOOD ECONOMICS

- 1*—Elementary food economics. 2 points. Miss MCCORMICK, Miss LATZER, and Professor SHERMAN.

- 71—Dietetics. 4 points. Professor ROSE, Miss McCORMICK, and Miss LATZER.  
 110—Dietetics. 4 points. Professor ROSE, Miss McCORMICK, and Miss LATZER.  
 115—Nutrition and food economics. 2 points. Professors SHERMAN and ROSE.  
 117—Laboratory methods in nutrition. 4 points. Professor ROSE and Miss McCORMICK.  
 215-216—Practicum in nutrition and food economics. 6 points. Professors SHERMAN and ROSE.  
 218—Investigation in nutrition or food economics. 4 points. Professor ROSE or SHERMAN.

## SUMMER SESSION

- 51—Elementary food economics. 2 points. Professor ROSE and Miss MACLEOD.  
 571—Dietetics. 4 points. Professor ROSE and Miss MACLEOD.  
 5110—Dietetics. 4 points. Professor ROSE and Miss MACLEOD.

## TEXTILES AND CLOTHING

- 5—Elementary clothing and handwork. 4 points. Miss WHITE.  
 15—Drafting and elementary dress design. 3 points. Miss BALDT.  
 27—Millinery, elementary. 3 points. Mrs. TOBEY.  
 31a—(Text.) Textiles. Lectures. 2 points. Professor FALES.  
 31b—(Text.) Textile fabrics. 1 point. Professor FALES.  
 31c—(Text.) Textile chemistry. 1 point. Mrs. MCGOWAN.  
 33—History of costume. 2 points. Professor FALES.  
 35—Dressmaking, elementary. 4 points. Miss BALDT.  
 45—Dress design. 3 points. Miss WILMOT, Mrs. NELSON, and Miss EVANS.  
 55—Dressmaking, intermediate. 3 points. Miss HALLETT.  
 57—Millinery, advanced. 3 points. Mrs. TOBEY.  
 65—Embroidery. 3 points. Miss WHITE.  
 75—Dressmaking, advanced. 3 points. Miss HALLETT.  
 85—Advanced dress design. 3 points. Miss WILMOT.  
 99—Advanced practice. 2 points. Professor FALES.  
 101-102—Problems in textiles and clothing. 6 points. Professor FALES.

## SUMMER SESSION

- 55—Elementary clothing and hand work. 4 points. Miss WHITE.  
 515—Drafting and elementary dress design. 3 points. Mrs. NELSON and Miss EVANS.  
 521—Costume design, elementary. 3 points. Miss WILMOT and Miss NORTHRUP.  
 522—Costume design, advanced. 3 points. Miss NORTHRUP.  
 527—Millinery. 3 points. Mrs. TOBEY and Miss BECKER.  
 531c—(Text.) Textile chemistry. 1 point. Miss MOSS.  
 535—Dressmaking, elementary. 3 points. Miss BALDT.  
 548—Tailoring. 1 point. Mr. GROSS.

## HOUSEHOLD AND INSTITUTIONAL ADMINISTRATION

- A—Principles of household administration. 1 point. Professor GUNTHER and Miss FISHER.  
 1—Housewifery. 2 points. Miss BALDERSTON and Miss MANN.  
 2—Household management. 2 points. Miss FISHER.  
 3—Housewifery problems. 2 points. Miss BALDERSTON.  
 5—Problems of the industrial family. 2 points. Miss WINSLOW.

- 11—Domestic laundering. 2 points. Miss BALDERSTON.  
 21—Marketing. 2 points. Miss WINSLOW.  
 31—House planning. 2 points. Mr. VAN DER BENT and Miss MEAD.  
 51—Institutional housekeeping. 3 points. Professor GUNTHER, Miss FISHER, Miss BAKER, and Miss SOUTHARD.  
 52—Institution practice. 2 points. Professor GUNTHER and Miss FISHER.  
 61—Institution planning. 2 points. Mr. VAN DER BENT.  
 65—Institutional laundering. 2 points. Miss BALDERSTON.  
 71—Institution furnishings and supplies. 2 points. Miss SOUTHARD.  
 75—Institution food departments. 2 points. Miss BAKER.  
 81—Accounting and office management. 2 points.  
 91—Institution problems. 2 points. Professor GUNTHER and Miss FISHER.  
 99—Advanced practice. 2 points. Professor GUNTHER.  
 183-184—Special problems of administration. 6 points. Professor GUNTHER.  
 283-284—Research in administration. 8 points. Professor GUNTHER.  
 301-302—Introduction to research in economic and social problems related to practical arts. 8 points. Dr. ALLINSON.

## SUMMER SESSION

- s1—Housework. 2 points. Miss WEER.  
 s2—Household management. 2 points. Miss WEER.  
 s4—Purchasing household supplies. 2 points. Miss BLITZ.  
 s5—The home problems of the industrial family. 2 points. Miss NESBITT.  
 s21—Marketing. 2 points. Miss LEONARD.  
 s75—Lunch-room management. 2 points. Miss BAKER and assistant.  
 s91—Institution organization and administration. 2 points. Professor GUNTHER and Miss BLITZ.

## INDUSTRIAL DRAWING AND DESIGN

- 1-2—Mechanical drawing. 6 points. Professor WEICK and Mr. PANUSKA.  
 3 and 4—Mechanical drawing. Each 2 points. Professor WEICK and Mr. PANUSKA.  
 31-32—Mechanical and freehand perspective drawing. 4 points. Professor WEICK and Mr. PANUSKA.  
 33-34—Architectural drawing. 4 points. Professor WEICK.  
 51-52—Descriptive geometry. 4 points. Professor WEICK.  
 55-56—Machine design. 4 points. Professor WEICK and Mr. PANUSKA.  
 57-58—Machine design. 6 points. Professor WEICK and Mr. PANUSKA.  
 61-62—Advanced mechanical drawing. 4 points. Professor WEICK.  
 75-76—Advanced machine design. 4 points. Professor WEICK.  
 161-162—Industrial drawing. 6 points. Professor WEICK.  
 175-176—Industrial design. 6 points. Professor WEICK.

## SHOPWORK

- 1-2—Hammered metal, silversmithing, and jewelry. 4 points. Mr. THATCHER.  
 5-6—Jewelry. 4 points. Mr. THATCHER.

## SUMMER SESSION

- s3 and s4—Elementary mechanical drawing. Each 2 points. Professor WEICK and Mr. PANUSKA.  
 s31—Mechanical and freehand perspective drawing. 2 points. Professor WEICK.  
 s55 and s56—Machine design. Each 2 points. Professor WEICK and Mr. PANUSKA.



## MUSIC

- 13-14—Tone thinking. 4 points. Mr. KRAFT.  
 15-16—Voice: First year. 4 points. Miss DASCHBACH and Mr. JOLLIFFE.  
 19-20—Organ. 4 points. Mr. FOWLER.  
 21-22—Epochs in the development of music. 4 points. Professor FARNSWORTH and Miss WIETHAN.  
 25-26—Sight singing. 4 points. Mr. KRAFT.  
 27-28—Piano: First year. 4 points. Miss ZERBE.  
 29-30—Organ. 4 points. Mr. LAMOND.  
 31—Sound, the physical basis of music. 2 points. Mr. GOOD, Mr. KRAFT, Professors WOOD and WHITLEY.  
 33-34—Introductory harmony. 4 points. Mr. KRAFT.  
 35-36—Voice: Second year. 4 points. Miss DASCHBACH and Mr. JOLLIFFE.  
 37-38—Piano: Second year. 4 points. Miss ZERBE.  
 39-40—Violin: First year. 4 points. Mr. STOWELL.  
 42—Musical literature. 2 points. Professor FARNSWORTH and Miss WIETHAN.  
 43-44—Applied harmony. 4 points. Mr. KRAFT.  
 49-50—Violin: Second year. 4 points. Mr. STOWELL.  
 55-56—Voice: Third year. 4 points. Miss DASCHBACH and Mr. JOLLIFFE.  
 57-58—Piano: Third year. 4 points. Miss ZERBE.  
 57x—Ensemble playing. 2 points. Miss ZERBE.  
 65-66—Chorus singing and conducting. 4 points. Mr. KRAFT.  
 67-68—Piano: Fourth year. 4 points. Miss ZERBE.  
 67x—Advanced ensemble playing. 2 points. Miss ZERBE.  
 69-70—Violoncello. 4 points.  
 75-76—Voice: Fourth year. 4 points. Miss DASCHBACH and Mr. JOLLIFFE.  
 95-96—Voice. 4 points. Mrs. MEHAN.  
 169-170—Musical art. 4 points. Professor FARNSWORTH.

## SUMMER SESSION

- 515—Voice culture. 2 points. Mr. JOLLIFFE.  
 517—Piano technic and interpretation. 2 points. Miss MACDONALD.  
 525—Sight-singing and melodic dictation. 2 points. Mr. KRAFT.  
 565—Chorus singing and conducting. 2 points. Mr. KRAFT.

## SPEECH

- 1-2—Voice and diction, introductory. 4 points. Professor LATHAM.  
 3-4—Story-telling and reading, introductory. 4 points. Professor LATHAM and Mrs. HALLOCK.  
 51-52—Reading and speaking, advanced. 4 points. Professor LATHAM.

## SUMMER SESSION

- 51—Voice and diction. 2 points. Professor LATHAM.  
 53—Story-telling, introductory. 2 points. Professor LATHAM and Mrs. HALLOCK.  
 54—Story-telling and reading, advanced. 2 points. Professor LATHAM and Mrs. HALLOCK.  
 557—Speech correction. 2 points. Mrs. SCRIPTURE.

## NURSING AND HEALTH

- 3—Physical care of infants and small children. 2 points. Dr. KENYON.  
 5—Home nursing and first aid. 2 points. Miss JOHNSON.

- 7—Occupations for invalids. 2 points. Miss COLLINS.  
 21-22—History of nursing and contemporary problems. 4 points. Professors NUTTING and STEWART and special lecturers.  
 41—Principles of public health nursing. 2 points. Miss JOHNSON.  
 42—Fields of public health nursing. 2 points. Miss JOHNSON and Miss CRANDALL.  
 44—Medical inspection and school nursing. 2 points. Dr. BAKER.  
 45—Control of communicable disease. 2 points. Dr. HAYNES.  
 64—Materia medica and therapeutics. 2 points. Miss PARKER.  
 66—Human anatomy. 2 points. Dr. COBB.  
 82—Supervision in hospitals and training schools. 2 points. Professor GOODRICH.  
 83-84—Hospital organization and administration. 4 points. Professor GOODRICH and Miss RUSSELL.  
 86—Practical problems in hospital housekeeping. 1 point. Miss PARKER.  
 105—Health problems for religious and social workers. 2 points. Dr. KENYON and Professor STEWART.  
 121-122—History of nursing. 2 points each session. Professors NUTTING and STEWART.

## SUMMER SESSION

- s3—Physical care of infants and small children. 2 points. Dr. KENYON.  
 s5—Home nursing and emergencies. 2 points. Miss JOHNSON.  
 s7—Handwork for invalids. 2 points. Miss DE NEERGAARD.  
 s41—Public health nursing. 2 points. Miss JOHNSON and special lecturers.  
 s82—Supervision in hospitals and training schools. 2 points. Professor GOODRICH.  
 s88—Principles of modern social work. 2 points. Miss BYINGTON.

## PHYSICAL EDUCATION

- A and B—Physical training for women. Each 2 points. Miss YUNCK and assistants.  
 1-2—Elementary practice for women. 2 points. Miss FROST and Miss SHARRETT.  
 3-4—Advanced practice for women. 2 points. Miss YUNCK.  
 5-6—Applied anatomy. 4 points. Miss DREW.  
 9-10—Junior practice and methods. 8 points. Miss COLBY, Miss FROST, Miss MARCH, and Mr. HOLM.  
 11-12—Practice for men. 6 points. Mr. METCALF.  
 54—Games, folk dancing, and corrective gymnastics. 2 points. Miss COLBY and Miss DREW.  
 55-56—Applied physiology. 4 points. Dr. VAN KLEECK and Miss MARCH.  
 57-58—Normal diagnosis and anthropometry. 4 points. Dr. VAN KLEECK and Miss MARCH.  
 59-60—Advanced practice. 8 points. Miss COLBY, Miss MARCH, Miss FROST, Miss YUNCK, and Mr. HOLM.  
 61-62—Advanced practice for men. 6 points. Mr. METCALF and assistants.  
 64—History of physical education. 2 points. (*Not given 1917-1918*).  
 65-66—Kinesiology and Corrective Gymnastics. 4 points. Miss DREW.  
 177-178—The dramatic game. 4 points. Miss COLBY.  
 198—Practice in club activities for children and adolescents. 2 points. Mr. STETSON.

## SUMMER SESSION

- s1—Hygienic gymnastics. 1 point. Miss GROSS.  
 s6—Applied anatomy of the head and viscera. 2 points. Dr. VAN KLEECK.  
 s8—Boxing and wrestling. 1 point. Mr. PETERSON.  
 s9—Calisthenics and gymnastics. 2 points. Mr. FETTE.

- s10a*—Gymnastics for women. 1 point. Miss MARCH.  
*s11*—Folk and national dances, elementary. 1 point. Miss HINMAN.  
*s12*—Folk and national dances, intermediate. 1 point. Miss HINMAN.  
*s13*—Folk and national dances, advanced. 1 point. Miss PEEK.  
*s14a*—Swimming for women. 1 point. Mr. HOLM.  
*s14b*—Swimming for men. 1 point. Mr. MASON.  
*s15*—March tactics. 1 point. Mr. METCALF.  
*s16a*—Athletics (field events). 1 point. Mr. WARDLAW.  
*s16b*—Athletics (practice of games). 1 point. Mr. WARDLAW.  
*s16c*—Athletics (coaching of games). 1 point. Mr. WARDLAW.  
*s17*—Observation and practice in the demonstration playgrounds. 1 point. Mr. HARTSHORNE, Miss GROSS, and Miss RANKIN.  
*s36*—Physiology of exercise. 2 points. Mr. FETTE.  
*s57*—Normal diagnosis. 2 points. Dr. VAN KLEECK and Miss MARCH.  
*s60a*—The coaching of football. 1 point. Mr. METCALF.  
*s60b*—The coaching of track and field sports. 1 point. Mr. METCALF.  
*s60c*—The coaching of baseball. 1 point. Mr. WARDLAW.  
*s60d*—The coaching of basketball. 1 point. Mr. WARDLAW.  
*s63*—Dances for boys. 1 point. Miss HINMAN.  
*s65*—Kinesiology. 2 points. Mr. MASON.  
*s66*—Corrective exercises. 2 points. Miss ROACH.  
*s71*—Advanced dancing. 2 points. Miss COLBY.  
*s72*—Playground games. 2 points. Miss GROSS.  
*s77*—The dramatic game. 1 point. Miss PEEK.  
*s107*—Plays, games, and drama for young children. 2 points. Miss CRAWFORD.  
*s110*—Experimental playground. 2 points. Miss RANKIN.  
*s185*—Fundamentals of playground and recreation work. 2 points. Mr. FETTE.  
*s198*—Health problems in rural education. 2 points. Mr. CHASE.  
*s199*—Physical education and recreation in rural schools. 2 points. Mr. GAMMONS.  
*s230A*—The dramatic arts in education. 2 points. Miss CRAWFORD.  
*sZ*—Social dancing for men and women. No credit. Miss PEEK.

## PRACTICE OF MEDICINE

*See introductory paragraphs, page 72*

*Professor:* W. T. LONGCOPE (*Executive Officer*).

*Professors of Clinical Medicine:* N. E. BRILL, W. K. DRAPER, E. M. EVANS, F. HUBER, W. B. JAMES, J. KAUFMANN, S. W. LAMBERT, E. LIBMAN, G. R. LOCKWOOD, N. B. POTTER, J. A. MILLER, V. H. NORRIE, J. S. THACHER, N. STADMULLER, and S. WACHSMANN.

*Associate Professors:* WALTER W. PALMER and W. R. WILLIAMS.

*Assistant Professors of Clinical Medicine:* W. A. BASTEDO, D. BOVAIRD, JR., C. N. B. CAMAC, L. F. FRISSELL, T. S. HART, G. A. TUTTLE, K. M. VOGEL, B. S. OPPENHEIMER, G. L. LAPORTE, and H. S. PATTERSON.

*Associates:* W. W. HERRICK, H. C. THACHER, H. S. CARTER, GEORGE DRAPER, A. R. LAMB, and H. R. GEVELIN.

*Instructors:* C. W. KNAPP, D. S. D. JESSUP, H. E. HALE, JR., M. SCHULMAN, F. W. BISHOP, O. HENSEL, H. S. HOWE, O. M. SCHWERTFEGGER, L. H. SHEARER, R. G. SNYDER, HENRY JAMES, A. M. STRONG, I. O. WOODRUFF, A. E. NEERGAARD, F. M. CLASS, E. CUSSLER, E. R. P. JANVRIN, R. A. KINSELLA, W. P. ANDERTON, A. T.

MARTIN, D. WEST, P. IRVING, F. TAYLOR, T. S. WINSLOW, D. W. ATCHLEY, H. J. WIENER, L. KESSEL, W. S. LADD, P. H. ADAMS, E. C. BRENNER, M. W. GOLDSTEIN, A. FREEMAN, M. D. F. SMITH, T. A. SMITH, and C. E. CARR.

*Assistants:* K. R. McALPIN, R. F. BURLINGHAM, L. BIBB, W. B. BOYD, A. L. HUTTON, Z. SAGAL, E. LEWI, H. C. FLEMING, E. W. WHITE.

102—Lectures and clinics in physical diagnosis. (Vanderbilt Clinic and Presbyterian Hospital.) 1½ hours. Dr. GEORGE DRAPER.

104—Methods of physical examination. (Vanderbilt Clinic.) 2 hours. Drs. DRAPER, HOWE, KNAPP, and WIENER.

106—Clinical pathology: systematic instruction in the various chemical, microscopical, and bacteriological methods of diagnosis. 4 hours. 2 points. Professor VOGEL and Drs. ATCHLEY, JESSUP, BURLINGHAM, and BIBB.

201-202—Clinical lecture on general medicine. (Presbyterian Hospital.) 1½ hours. Professor LONGCOPE and associates.

205-206—Clinical lecture on general medicine. (Roosevelt Hospital.) 1½ hours. Professor EVANS.

207-208—Recitations in general medicine. 2 hours. Dr. H. C. THACHER.

209-210—Physical and medical diagnosis. (Vanderbilt Clinic, Presbyterian, Bellevue, Roosevelt, and City Hospitals.) 4 hours. Winter Session; 2 hours, Spring Session. Drs. CARTER, CUSSLER, HERRICK, HOWE, JANVRIN, H. JAMES, KNAPP, NEERGAARD, SHEARER, SNYDER, H. C. THACHER, WOODRUFF, WIENER, TERRY, ANDERTON, BURLINGHAM, MARTIN, WEST, IRVING, TAYLOR, WINSLOW, CARR, and ADAMS.

211-212—Advanced medical clinic. (Presbyterian Hospital.) 1½ hours. Professor LONGCOPE.

213-214—Clinical and pathological conference. (Presbyterian Hospital.) 2 hours.

215-216—Clinical clerkships in medicine. 5 mornings and 4 afternoons in the wards of one of the following hospitals:

Presbyterian Hospital: Professors LONGCOPE, BOVAIRD, HART, PALMER, and TUTTLE, and Drs. CARTER, GEYELIN, KINSELLA, STRONG, ATCHLEY, and LADD.

St. Luke's Hospital: Professors S. W. LAMBERT, HOLLIS, FRISSELL, PATTERSON and VOGEL, and Drs. BISHOP and GOODWIN.

Bellevue Hospital: Professors W. K. DRAPER, NORRIE, and MILLER.

New York Hospital: Professor W. R. WILLIAMS.

German Hospital: Professors KAUFMANN, STADMÜLLER, and DENIG, and Drs. SCHWERTDIFEGER and HENSEL.

Mt. Sinai Hospital: Professors BRILL and LIEMAN.

Montefiore Home and Hospital: Professors WACHSMANN, LAPORTE, and OPPENHEIMER.

219-220—Principles of pharmacology and therapeutics. 1 hour. Professors WILLIAMS, PATTERSON, and BASTEDO.

221—Conferences on applied therapeutics. 1 hour. Professor S. W. LAMBERT.

222—Recitations on principles of pharmacology and therapeutics. 2 hours. Spring Session, third year. Professor BASTEDO.

225-226—Clinical instruction in therapeutics. (Vanderbilt Clinic.) 11 hours, one-fourth of year. Professor S. W. LAMBERT and Drs. HALE, SCHULMAN, CLASS, and BURLINGHAM.

227—Lectures bearing upon the practical work of examining for life insurance. 3 lectures. Dr. ROGERS.

217-218—Advanced work in clinical diagnosis: practical instruction in quantitative urinalysis and chemical blood analysis. 4 hours, one-fourth of year. Professor VOGEL and Dr. BIBB.

224—Medical diagnosis. (Gouverneur Hospital.) 2 hours. Professor CAMAC.

225—Medical case reporting with collateral reading. (City Hospital.) 2 hours. Professor POTTER.

228—Tuberculosis. Practical instruction in the wards and out-patient department of the tuberculosis service of Bellevue Hospital. 2½ hours. Professor MULLER.

235-236—Experimental infectious diseases. (Presbyterian Hospital.) 2½ hours. Professor ZINSSER.

239-240—Medical diagnosis. (Roosevelt Hospital.) 4 hours, one-fourth of year. Professor EVANS and Dr. HERRICK.

241-242—Chemical physiology and its clinical application. (Presbyterian Hospital.) One-half year. Professor PALMER.

251-252—Research in medicine. Research in the laboratory of clinical pathology, in the clinical laboratories of the Presbyterian Hospital, or in the chemical laboratory of St. Luke's Hospital, under the direction of the professor or the associate professor of the practice of medicine or the assistant professor of clinical pathology.

#### SUMMER SESSION

5106—Clinical pathology. Professor VOGEL.

5215—Clinical clerkships in medicine. Various hospitals.

*Equipment.* The equipment of the department of the practice of medicine comprises the following: The laboratory of clinical pathology, on the fourth floor of the north building of the College, is completely equipped for the routine instruction of students, and clinical research by physical, chemical, hematological, bacteriological, and serological methods. Undergraduate instruction is carried on in the laboratory on the fifth floor of the north building of the College. The laboratory of the Vanderbilt Clinic is equipped for the routine investigation of the patients and instruction of students in clinical pathology. Facilities for chemical, bacteriological, and serological investigations are provided in the clinical laboratories of the Presbyterian Hospital under the charge of the professor and associate professor of the practice of medicine, and in the chemical laboratory of St. Luke's Hospital under the charge of the assistant professor of clinical pathology.

The Edward G. Janeway Memorial Library of about 3,516 bound volumes and 3,300 pamphlets, situated in the Presbyterian Hospital, contains complete sets of all the important medical journals, both American and foreign, and many important monographs and reference works. It is open throughout the day to the staff and students of the department.

PSYCHOLOGY (See page 164)

PUBLIC LAW AND JURISPRUDENCE (See page 142)

#### RELIGION

*See introductory paragraphs, page 72*

1-2—Introduction to the study of the Bible. 3 hours (Columbia). 2 hours (Barnard). Chaplain KNOX (Columbia and Barnard).

4—Fundamentals of religion. 2 hours. Professor F. J. FOAKES JACKSON.

There are also a number of courses offered in conjunction with the Union and General Theological Seminaries.

51—Introduction to the study of the Bible. 2 points. Professor ROGERS.

History 5101—The ancient Orient. 3 points. Professor ROGERS.

- History 5107—The Hebrews. II. 3 points. Professor ROGERS.  
 5261A—Principles of moral and religious education. 2 points. Professor NORMAN F. RICHARDSON.  
 5107—Philosophy of religion. 3 points. Professor HUME.  
 5108—History of religion. 3 points. Professor HUME.  
 5111—History. Introduction to church history in the first six centuries. 3 points. Professor F. J. FOAKES JACKSON.  
 5113—The historical background of New Testament times. 3 points. Professor F. J. FOAKES JACKSON.  
 5113—The principles and methods of missions. 3 points. Dr. FLEMING.

RHETORIC AND ENGLISH COMPOSITION (See page 124)

## ROMANCE LANGUAGES AND LITERATURES

*See introductory paragraphs, page 72*

- Professors:* F. BALDENSPERGER, F. DE ONÍS, H. A. TODD, and R. WEEKS.  
*Associate Professors:* J. L. GERIG, L. A. LOISEAUX, and A. G. H. SPIERS.  
*Assistant Professors:* D. BIGONGIARI, E. J. FORTIER, and H. F. MULLER.  
*Instructors:* L. H. ALEXANDER, P. M. HAYDEN, L. IMBERT, A. LEDUC, and G. T. WILKINSON.  
*Lecturers:* P. DE BACOURT, E. CADORIN, J. L. PERRIER, B. PRENEZ, and E. AGRA-MONTE.

### FRENCH

- A1-A2—Elementary course. 3 hours. 6 points. Dr. ALEXANDER and Miss PRENEZ and Dr. PERRIER (Barnard).  
 B1-B2—Grammar, reading, and composition. 3 hours. 6 points. Professor FORTIER, Mr. DE BACOURT, Mr. HAYDEN (Columbia), Dr. ALEXANDER, Dr. LEDUC, and Miss PRENEZ (Barnard).  
 B01-B02—Oral drill. 2 hours. 2 points. Professor FORTIER, Mr. HAYDEN, and Mr. WILKINSON (Columbia).  
 B04—Oral drill. 2 hours. 1 point. Mr. WILKINSON (Columbia).  
 B4-B5—Grammar, reading, and composition. 3 hours. 6 points. Professor GERIG, and Mr. WILKINSON (Columbia).  
 b93-b94—Speaking and writing French. 4 hours. 8 points. Mr. DE BACOURT (Business).  
 H1-H2—Honors conference. 4 points. Professor SPIERS (Columbia).  
 H3-H4—Honors conference. 4 points. Professors SPIERS and FORTIER (Columbia).  
 J1-J2—Reading of French newspapers. 3 hours. 6 points. Mr. DE BACOURT (Journalism).  
 J3-J4—Advanced course in reading of French newspapers. 3 hours. 6 points. Mr. DE BACOURT (Journalism).  
 2—Reading, composition, dictation. 3 hours. 3 points. Professor GERIG (Columbia).  
 3-4—Masterpieces of modern French literature. 3 hours. 6 points. Professors SPIERS, GERIG, FORTIER, WEEKS (Columbia), Drs. ALEXANDER and LEDUC, and Miss PRENEZ (Barnard).  
 5-6—French literature in the seventeenth century. 3 hours. 6 points. Professor SPIERS (Columbia) and Professor LOISEAUX (Barnard).  
 7-8—Modern French writers. 3 hours. 6 points. Miss PRENEZ (Barnard).  
 9-10—Advanced French composition. 3 hours. 6 points. Mr. DE BACOURT (Columbia), and Dr. LEDUC (Barnard).

11-12—French literature of the eighteenth century. 3 hours. 6 points. Professor FORTIER (Columbia).

13-14—History of French literature, Middle Ages, Renaissance, and nineteenth century. 3 hours. 6 points. Professor SPIERS (Columbia).

17-18—History of the French drama. 3 hours. 6 points. Professor LOISEAUX (Barnard).

19-20—History of French civilization. 2 hours. 4 points. Professor LOISEAUX (Barnard).

101-102—Introduction to Romance philology. 2 hours. 6 points. Professor TODD.

103-104—Old French. 2 hours. 6 points. Dr. ALEXANDER.

111-112—Old French literature prior to the fifteenth century. 3 hours. 6 points. Professors TODD and WEEKS.

113-114—French literature in the fifteenth and sixteenth centuries. 3 hours. 6 points. Professor GERIG.

115-116—French literature in the seventeenth century. 2 hours. 6 points. Professor SPIERS.

117-118—French literature in the eighteenth century. 3 hours. 6 points. Professor LOISEAUX.

121-122—Du Romantisme à l'Action sociale. 1 hour. 4 points. Professor BALDENSPERGER.

203-204—Advanced Old French and Old Provençal. 3 hours. 6 points. Professor TODD.

221-222—Explications de Textes. 1 hour. 4 points. Professor BALDENSPERGER.

301-302—Research in Romance philology. 1½ hours. 6 points. Professor TODD.

311-312—Research in Old French literature. 2 hours. 6 points. Professor WEEKS.

313-314—Research in French literature in the fifteenth and sixteenth centuries. 2 hours. 6 points. Professor GERIG.

315-316—Research in French literature in the seventeenth century. 2 hours. 6 points. Professor SPIERS.

321-322—Travaux d'histoire littéraire. 1 hour. 4 points. Professor BALDENSPERGER.

#### ITALIAN

1-2—Elementary course. 3 hours. 6 points. Mr. CADORIN (Columbia) and Professor GERIG (Barnard).

3-4—Introduction to Italian literature. 3 hours. 6 points. Mr. CADORIN (Columbia).

101-102—Advanced reading course. 3 hours. 6 points. Mr. CADORIN.

#### SPANISH

695-96—Speaking and writing Spanish. 4 hours. 8 points. Mr. AGRAMONTE (Business).

1-2—Elementary course. 3 hours. 6 points. Mr. IMBERT, Mr. HAYDEN, and Mr. WILKINSON (Columbia), Mr. IMBERT, Dr. LEDUC, Dr. PERRIER, and Mr. WILKINSON (Barnard).

3-4—Grammar, reading, composition. 3 hours. 6 points. Mr. IMBERT and Mr. HAYDEN (Columbia); Mr. HAYDEN (Barnard).

5-6—Practical course, and introduction to Spanish literature. 3 hours. 6 points. Mr. IMBERT (Columbia).

101—La literatura española contemporánea. 2 hours. 3 points. Professor DE ONÍS.

102—Historia de la literatura española. 2 hours. 3 points. Professor DE ONÍS.

201-202—Introducción a la filología española. 1 hour. 4 points. Professor DE ONÍS.

301-302—Investigación en la literatura española. 2 hours. 6 points. Professor DE ONÍS.

# CELTIC

101-102—Old and Middle Irish. 2 hours. 6 points. Professor GERIG.

# PHONETICS

102—General phonetics. 2 hours. 3 points. Professor WEEKS.

# SUMMER SESSION

## FRENCH

esA1—Elementary course. 2 points. Mr. FERARU.

sA1—Elementary course. 2 points. Professors GERIG and DE PIERPONT and Mr. WILKINSON.

sA2—Elementary reading and oral practice. 2 points. Professor JORDAN and Mr. DE BACOURT.

sA3—Supplementary course. 2 points. Professor DE PIERPONT and Mr. WILKINSON.

sB1—Intermediate first course. 2 points. Drs. ALEXANDER, MANTZ and Mr. OLINGER.

sB2—Intermediate second course. 2 points. Mr. DE BACOURT and Mr. FERARU.

s3—Practical course and introduction to the study of French literature. I. 2 points. Professor STUART.

s4—Practical course and introduction to the study of French literature. II. 2 points. Professor STUART.

s5—French literature in the seventeenth century. First course. 2 points. Professor SPIERS.

s9—Advanced composition and practice in speaking French. First course. 2 points. Professors FORTIER and JORDAN.

s10—History of French civilization. First course. 2 points. Professor LOISEAUX.

sC—French conversation, composition, and oral practice. 6 points. Professor FORTIER.

s104—Old French; second course. 3 points. Dr. ALEXANDER.

s116—French literature in the second half of the seventeenth century. 3 points. Professor SPIERS.

s118—French literature in the second half of the eighteenth century. 3 points. Professor LOISEAUX.

s119—French literature in the first half of the nineteenth century. 3 points. Professor BORGERHOFF.

s120—French literature in the second half of the nineteenth century. 3 points. Professor BORGERHOFF.

s125—French realism in the nineteenth century. 3 points. Professor WARREN.

## ITALIAN

s1—Elementary: first course. 2 points. Professor SHAW.

s3—Advanced course. 2 points. Mr. LAGUARDIA.

s101—Introduction to Italian literature. 3 points. Professor SHAW.

## PORTUGUESE

s1—Elementary: first course. 2 points. Mr. BRUCE.

esX3—Elementary: second course. 2 points. Mr. BRUCE.



SPANISH

- es1*—Elementary: first course. 2 points. Mr. AGRAMONTE.  
*esXI*—Spanish conversation, reading, and oral practice. 2 points. Mr. AGRAMONTE.  
*s1*—Elementary: first course. 2 points. Mr. IMBERT, Mr. HAYDEN, Mr. LAGUARDIA, and Mr. SOTO.  
*s2*—Elementary: second course. 2 points. Mr. HAYDEN and Professor PATTERSON.  
*s3*—Advanced course: first half. 2 points. Mr. IMBERT.  
*s4*—Advanced course: second half. 2 points. Professor FITZ-GERALD.  
*sC*—Spanish conversation, composition, and oral practice. 6 points. Mr. AGRAMONTE.  
*s103*—The Spanish drama of the golden age. 3 points. Professor FITZ-GERALD.

ROMANCE PHILOLOGY

- s102*—Introduction to Romance philology. 3 points. Professor GERIG.  
*s123*—Origins of the Romance languages. 3 points. Professor CARNOY.

EXTENSION TEACHING

FRENCH

- eA1-A2*—Elementary course. 8 points. Mr. FERARU, Mr. MOORE, and Mr. WILKINSON. (Also in Brooklyn, Newark, Jersey City, and Paterson.)  
*eA3-A4*—Elementary course. I. 3 points. Mr. SWANN.  
*eA5-A6*—Elementary course. II. 3 points. Mr. SWANN.  
*eA8*—Elementary course. 4 points. Second half-year. Dr. MANTZ.  
*eA9*—Elementary course. 4 points. First half-year. Dr. MANTZ.  
*eA11-A12*—Shorter elementary course. 6 points. Dr. ALEXANDER and Dr. CLARK.  
*eA14-A15*—Shorter elementary course. 6 points. Mr. SWANN.  
*eB1-B2*—Intermediate course. 8 points. Mr. OLINGER. (Also in Newark.)  
*eB3-B4*—Intermediate course: grammar, reading, and composition. 3 points. Dr. MANTZ.  
*eB5-B6*—Intermediate course. 3 points. Dr. MANTZ.  
*eB8-B9*—Intermediate course. 8 points. Dr. CLARK.  
*eB11-B12*—Shorter intermediate course. 6 points. Professor SPIERS and Mr. FERARU.  
*eB14-B15*—Shorter intermediate course. 6 points. Dr. MANTZ.  
*e3-4*—Practical course and introduction to the study of French literature. 6 points. Professor FORTIER.  
*e5-6*—General survey of French literature in the seventeenth century. 6 points. Professor LOISEAUX.  
*e9-10*—Advanced composition and practice in speaking French. 6 points. Professor FORTIER.

ITALIAN

- e1-2*—Elementary course. 6 points. Mr. BIGONGIARI.  
*e3-4*—Advanced course. 6 points. Mr. BIGONGIARI.

PORTUGUESE

- e1-2*—Elementary course. 6 points. Mr. BRUCE.  
*e3-4*—Advanced course. 6 points. Mr. BRUCE.

## SPANISH

- e1-2*—Elementary course. 6 points. Messrs. IMBERT, AGRAMONTE, RUSSELL, TORRES, MERCADO, WILKINS, and Dr. VAETH. (Also in Brooklyn.)  
*e3-4*—Advanced course. 6 points. Professor GERIG and Mr. RUSSELL.  
*e3a-4a*—Advanced course. 6 points. Mr. WILKINS.  
*e5-6*—Practical course and introduction to Spanish literature. 6 points. Mr. IMBERT.  
*e8-9*—Elementary course. 6 points. Mr. WILKINS and Dr. CLARK.  
*e11-12*—Elementary course. 4 points. Mr. WILKINS.  
*e13-14*—Advanced course. 4 points. Mr. WILKINS.  
*e15-16*—Advanced composition and Spanish conversational practice. 6 points. Mr. AGRAMONTE.

## COURSES IN SPOKEN LANGUAGES

## FRENCH

- cX1-cX2*—Elementary course in colloquial French. Mr. PUEL and Dr. MARIQUE. (This course is given in cooperation with the Museum of French Art.)  
*cX3-cX4*—Intermediate course in colloquial French. Mr. OLINGER.  
*cX5-cX6*—Advanced conversation based on nineteenth-century French literature. Mr. OLINGER.  
*cY1-cY2*—Intermediate course in colloquial French. Mr. PUEL and Dr. MARIQUE. (This course is given in cooperation with the Museum of French Art.)

## ITALIAN

- cX1-cX2*—Elementary oral drill and sight reading. Mr. MONTECCHI.  
*cX3-cX4*—Advanced course in colloquial Italian. Mr. MONTECCHI.

## SPANISH

- cX1-cX2*—Colloquial and written Spanish. Dr. VAETH.  
*cX3-X4*—Conversation. Mr. AGRAMONTE.

## PORTUGUESE

- cX2*—Elementary Portuguese. Mr. BRUCE.

## RUMANIAN

- cX1-X2*—Elementary Rumanian. Mr. VEXLER.

## IRISH

- cX1-X2*—Elementary grammar, reading, and speaking. Mr. O'BYRNE.  
*cX1a-X2a*—Advanced course. Easy prose readings from modern authors. Mr. O'BYRNE.

*Equipment.* The library of Columbia University is well supplied with French, Spanish, and Italian works, as well as with works upon Romance philology. Its list of periodicals is especially rich. The Library has also complete sets of the most important series and collections in the field of the Romance languages and literatures.

The library of the Romance Department, in Philosophy Hall, contains books of reference. A special privilege enjoyed by the Department is that of using the library of the Hispanic Society of America.

*Maison Française.* The Maison Française at 411 West 117th Street, contains a collection of French books and periodicals and of documents containing information concerning education and educational institutions in France. It also serves as the residence of the visiting French Professor during his stay in New York, and as headquarters for intercourse with French universities.

*Romance Club.* The Romance Club consists of the instructors and graduate students in the department. At its meetings, an account is given of the most important articles in recent periodicals, new books are discussed, and original papers are read.

*French Societies.* Two societies have been organized for the purpose of fostering the use of the French language among the members of the University, *viz.*, the Société Française de l'Université Columbia, and the Société Française de Barnard College.

SEMITICS (See page 156)

SOCIAL ECONOMY (See page 104)

SOCIOLOGY AND STATISTICS (See page 103)

## SURGERY

(See introductory paragraphs, page 72)

*Acting Professor:* A. V. S. LAMBERT (*Executive Officer*).

*Professors of Clinical:* WILLIAM DARRACH, C. N. DOWD, E. ELIOT, JR., L. W. HOTCHKISS, A. B. JOHNSON, F. KAMMERER, H. H. M. LYLE, W. MARTIN, A. V. MOSCHCOWITZ, C. H. PECK, E. H. POOL, and J. B. WALKER.

*Assistant Professors:* W. C. CLARKE, W. A. DOWNES, and F. S. MATHEWS.

*Associates in Clinical:* F. HAWKES, H. AUCHINCLOSS, K. CONNELL, A. O. WHIPPLE, and J. A. CORSCADEN.

*Instructors:* C. G. BANDLER, K. DWIGHT, S. R. BURNAP, N. W. GREEN, J. A. MCCREERY, J. E. MCWHORTER, E. G. RAMSDELL, J. C. VAUGHAN, F. C. YEOMANS, J. E. FULD, F. T. VAN BEUREN, D. GORDON, F. W. BANCROFT, R. COLP, and W. B. PARSONS, JR.

*Instructors in Clinical Surgery:* L. BUERGER, H. G. BUGBEE, H. D. COLLINS, R. DERBY, H. FISCHER, R. S. HOOKER, C. A. MCWILLIAMS, J. I. RUSSELL, F. B. ST. JOHN, D. STETTEN, A. P. STOUT, A. S. VOSBURGH, G. A. CALUCCI, HAWKINS, W. C. WHITE, R. V. GRACE, A. J. BROWN, W. F. CUNNINGHAM, D. S. CONLEY, F. TAYLOR, F. W. BANCROFT, S. ERDMAN, P. A. DINEEN, M. K. SMITH, and D. MORRIS.

*Assistants:* G. M. PHELPS, C. P. THOMAS, J. A. VIETOR, and W. C. WOOLSEY.

*Clinical Assistants:* A. C. BURNHAM, ROSALIE L. MORTON, and C. J. HARBECK.

*Clinical Assistants (Department of Urology).* B. KOHN, T. F. KELLY, W. S. GRAHAM, and S. W. FOWLER.

*Dental Surgeons:* H. S. DUNNING, F. S. SHIELDS, and HAROLD VAUGHAN.

*Clinical Assistants (Department of Dental Surgery).* E. A. CAIN, F. J. REMY, C. HANSEN, O. J. CHACE, F. C. MCCAFFREY, J. B. GOODALL, J. F. REHBERMAN, LEO STERN, J. H. REED, J. W. KAUFFMANN, B. HALPERN.

103-104—Recitations, demonstrations, and clinic in surgical pathology.  $5\frac{1}{2}$  hours. Dr. CLARKE.

201-202—Surgical pathology and general regional surgery. 3 hours. Professors LAMBERT and MARTIN and Drs. AUCHINCLOSS, WHIPPLE, and CORSCADEN.

203-204—Clinic in general surgery (Vanderbilt Clinic). 2 hours. Professor LAMBERT and Dr. WHIPPLE.

205-206—Recitations in general and regional surgery. 2 hours. Drs. GORDON and HANFORD.

207 or 208—Minor surgery and bandaging. 4 hours. Drs. LOEWI, GORDON, and MORRIS.

209-210—Clinical clerkships in surgery. 6 mornings and 4 afternoons.  
 Presbyterian Hospital: Professors LAMBERT and ELIOT, and Drs. WHIPPLE, AUCHINCLOSS, CORSCADEN, RULISON, HANFORD, THOMAS, and CALP.  
 Bellevue Hospital: Drs. BROWN, CONLEY, VAUGHAN, CARLUCCI, and HAWKINS.  
 New York Hospital: Drs. BANCROFT, ERDMAN, and DINEEN.

211-212—Clinic in general surgery (Presbyterian Hospital). 2 hours. Professors LAMBERT and ELIOT.

213-214—Practical instruction in surgical pathology. 2 hours. Professor CLARKE, Drs. STOUT and MCWHORTER.

216—Demonstrations; anatomy of fractures. 1 hour. Dr. DWIGHT.

219-220—Operative surgery on the cadaver. 6 hours. Drs. GREEN, FULD, and SCHLEY.

221-222—Practical instruction in surgical technic. 4 hours. Professor CLARKE and assistants.

223-224—Principles of surgery. 2 hours. Professor CLARKE and assistants.

225-226—Practical instruction (St. Mary's Free Hospital for Children). 2 hours. Professor MATHEWS.

## ZOOLOGY

*See introductory paragraphs, page 72*

*Professors:* M. A. BIGELOW, G. N. CALKINS, H. E. CRAMPTON, B. DEAN, T. H. MORGAN, H. F. OSBORN, and E. B. WILSON (*Executive Officer*).

*Associate Professor:* J. H. MCGREGOR.

*Assistant Professors:* W. K. GREGORY and L. H. GREGORY.

*Instructors:* F. DE L. LOWTHER and C. PACKARD.

*Assistants:* C. L. CAMP, E. M. HENRY, A. F. HUETTNER, F. SCHRADER.

*Lecturer:* B. W. LYLE.

1-2—Elementary biology and zoology. C 2 hours, L 4 hours. 8 points. Professors CALKINS, MCGREGOR, Dr. PACKARD (Columbia); Professors CRAMPTON and L. H. GREGORY, Mrs. LOWTHER, and B. W. LYLE (Barnard).

3—Elementary histology. C 1 hour, L 2 hours. 2 points. Mrs. LOWTHER (Barnard).

4—Elementary embryology. C 1 hour, L 2 hours. 2 points. Professor MORGAN (Columbia), Professor CRAMPTON and Mrs. LOWTHER (Barnard).

5—General biology. C 1 hour, L 2 hours. 2 points. Professor CRAMPTON (Barnard).

6—Experimental biology. C 1 hour, L 2 hours. 2 points. Professor CRAMPTON (Barnard).

7-8—Biology and genetic relations of the human organism. 2 hours. 2 or 4 points. Professors CRAMPTON and L. H. GREGORY (Barnard).

51—Histology and technique. C 1 hour, L 4 hours. 3 points. Dr. PACKARD (Columbia).

53-54—Practical zoology and embryology. L 4 hours. 4 points. Miss LYLE (Barnard).

91-92—General zoology (to follow 1-2). C 2 hours, L 6 hours. 10 points. Professor MCGREGOR.

93—Embryology of vertebrates. C 1 hour, L 2 hours. 2 points. Professor MCGREGOR.

95-96—Comparative morphology of vertebrates. *C* 1 hour, *L* 4 hours. 6 points. Professor MCGREGOR.

101-102—General zoology. *C* 3 hours, *L* 6 hours, and assigned work. 10 points. Professor MCGREGOR and in Barnard Professors CRAMPTON and L. H. GREGORY and Miss LYLE.

103—Comparative embryology of vertebrates. *C* 1 hour, *L* 2 hours, and assigned work. 3 points. Professor MCGREGOR.

110—The parasitic protozoa. *C* 1 hour, *L* 5 hours. 3 points. Professor CALKINS.

151-152—General physiology (Barnard). *C* 2 hours, *L* 4 hours. 8 points. Professor L. H. GREGORY.

201—Topics in invertebrate zoology. 8 points. Professor WILSON.

203-204—Mammals, living and fossil. Lectures and laboratory course. 6 hours (one day). The latter part of this course is given in the American Museum of Natural History. 8 points. Professor W. K. GREGORY.

213—Tropisms. *C* 1 hour, *L* 5 hours. 4 points. Professor MORGAN.

214—Instincts. *C* 1 hour, *L* 5 hours. 4 points. Professor MORGAN.

215-216—Genetics. 12 points. Professor MORGAN.

217—Physiological morphology. 4 points. Professor MORGAN.

218—Experimental embryology. 4 points. Professor MORGAN.

221-222—Protozoology. *C* 1 hour, *L* 5 hours. 10 points. Professor CALKINS.

223-224—Evolution of the vertebrates. 8 points. Professor W. K. GREGORY.

225-226—Cellular biology—General structure and functions of the cell. 6 or 12 points. Professor WILSON.

227-228—Special research.

230—Experimental protozoology. *C* 1 hour, *L* 6-10 hours. 4 points. Professor CALKINS.

#### COURSES UNDER THE GEORGE CROCKER SPECIAL RESEARCH FUND

209 or 210—Morphology and classification of tumors including pathological technique. Prerequisite, mammalian histology. 4 points. Professor WOOD.

202—General biology of tumors. 4 points. Professor WOGLOM.

205-206—Research in problems of growth pathology with especial reference to tumors. 4 to 12 points each session. Credit to be assigned in individual cases at the time of registration. Professors WOOD and WOGLOM and Drs. PRIME and BULLOCK.

#### SUMMER SESSION

51—Elementary biology and zoology. 4 points. Professor MCGREGOR.

5121—Protozoology. 5 points. Professor CALKINS.

#### EXTENSION

61a-2a—Elementary biology and zoology. 4 points. Professor MCGREGOR and Dr. PACKARD.

61-2—(Brooklyn). General biology and zoology. *C* 2 hours, *L* 4 hours. 8 points. Professor CALKINS, Mr. ELWYN, and Mr. PERKINS.

63—(Brooklyn). General embryology. *C* 3 hours, 3 points. Mr. ELWYN.

64—(Brooklyn). Advanced biology. *C* 3 hours. 3 points. Professor CALKINS.

65-6—(Brooklyn). Vertebrate comparative morphology. 3 points each session. Mr. ELWYN.

e7—(Brooklyn). Histological technique. 3 points. Mr. ELWYN.

e8—(Brooklyn). Human parasitology. 3 points. Professor CALKINS.

*Journal Club.* Reports and discussions of recent literature by members of the staff, graduate students, and others. One hour a week throughout the year. Under direction of the staff.

*Lectures.* Courses of lectures on general topics are given from time to time by members of the staff and eminent specialists from other institutions. These lectures form the basis of the Columbia Biological Series.

*Equipment.* The zoological laboratories on the upper floor of Schermerhorn Hall comprise graduate and undergraduate laboratories, suitably equipped with optical instruments, microtomes, and other apparatus; and rooms for special research, supplies, aquaria, and preparation. There is also a lecture room, a library, and an extended teaching collection comprising specimens, anatomical, embryological, and cytological preparations, charts, and wax models. The departmental library embraces sets of the standard biological works and includes the journals and a rapidly increasing collection of special monographs. A fund is available for the purchase of literature needed in connection with the special researches of students.

Important adjuncts to zoological work are offered by the American Museum of Natural History, the Bronx Zoological Garden, the New York Aquarium, and by the marine biological laboratories to which the University contributes support. Several investigators' tables are held at the Wood's Hole Laboratory, and the John D. Jones scholarship is available at the Cold Spring Harbor Laboratory.

## UNDERGRADUATE ENTRANCE REQUIREMENTS

*University Committee on Admission.* Professor JONES, Director of University Admissions; Professor STEEVES and MAYER; Deans WOODBRIDGE, STONE, LAMBERT, GILDERSLEEVE, and RUSBY; Directors, EGBERT, MONROE, and BIGELOW, and Mr. BACH.

*General Statement.* The Director of University Admissions administers the entrance requirements for all departments of the University. No formal entrance tests are prescribed for graduates who elect to study under the Faculties of Political Science, Philosophy, or Pure Science, or to enter a professional school of the University which demands previous college residence as a basis for entrance; namely, Law, Medicine, Mines, Engineering, Chemistry, Architecture, Education, Business, and beginning with 1918, Journalism (for the degree of B.Lit.). Candidates for admission to these schools should present their credentials from the college of previous residence. Entrance tests are prescribed for admission to all other departments of the University. Admission to the first year course in Columbia College, Barnard College, and the College of Pharmacy (University course for B.S. in Phar.), presupposes the passing of written examinations; the candidate's school record is also taken into account; but a satisfactory showing in examinations and in school preparation are not in themselves sufficient to guarantee admission, which depends also upon the candidate's character, personality, and promise of future usefulness. The School of Practical Arts may be entered either by examination or, in approved cases, by school certificate.

*Applications for Admission.* Applications for admission should be filed not later than July 1 of the year when the candidate plans to enter.

*Examinations and Records.* The University issues annually a pamphlet entitled *Bulletin on Entrance Examinations and Admissions*. This pamphlet gives detailed information upon the following matters:

The time schemes for the examinations of the College Entrance Examination Board and of Columbia University.

The dates for filing of applications. (Given also in academic calendar at end of this volume.)

Method of obtaining, filling out, and filing application blanks and school records.

Fees for examinations and method of payment.

The award and duration of credits toward admission as a result of examinations, and information as to the conditions under which examinations may be divided among two or more series.

The specific conditions of admission to each school requiring entrance examinations.

The official statements of the requirements in each subject (including information as to the preparation and presentation of note-books in subjects requiring such records).

This pamphlet may be had without charge upon application to the Secretary of Columbia University. Any person who intends to take examinations himself or to prepare others for them should obtain a copy of it and familiarize himself with its contents. *The information which follows here is merely a brief summary of that given fully and officially in the Bulletin.*

The minimum age for admission to the Freshman Class in Columbia College or Barnard College is 15; in Journalism, 17; in other schools, 18; with a corresponding increase in the case of advanced standing. For students entering from secondary

schools, an estimate of character and personality, and a certificate of health must be presented, and in the case of students from other colleges an honorable dismissal.

Students may enter Barnard or Columbia College either in February or in September.

Each candidate is required to take examinations in every subject offered for admission. In passing upon the result of these examinations the detailed school record of the candidate is taken into account and given great weight.

The examination requirements for admission may be satisfied by any one of the three following means, or by any approved combination thereof; the examination grades are interpreted in the light of the record which the student has made in school. The record for each subject must be filed with the Director of Admissions.

1. By the examinations of the College Entrance Examination Board in 1917, beginning on June 19, held at Columbia University and at about 150 other educational centers in the United States and Europe.

2. By the examinations conducted at Columbia University by the Committee on Admissions. These examinations are held in September and January of each year (beginning on September 16, 1918, and January 16, 1919).

3. By the examinations of the New York State Examination Board in so far as their subject matter specifically corresponds to the stated requirements of the several undergraduate schools. These examinations are held in January and June at more than 600 high schools and other institutions in the State, but are ordinarily open only to students in those schools. A grade of seventy per cent. will ordinarily be required in these examinations.

*Credits.* A candidate may present himself at any of the series of examinations scheduled above, but at not more than four in all, and the results may be credited toward entrance, subject to the following restrictions:

The results of an examination may stand to the candidate's credit twenty-nine months, but no longer. The reports of candidate's examinations and the School's statement of preparation must be in the hands of the Director of Admissions one week prior to the opening of the term in September or January.

*Subjects for Examination.* Columbia University recognizes the following examination subjects which may be offered for admission to one or more of the colleges and schools included in the University, each subject counting for a specific number of units as indicated in parentheses. The unit here represents the number of years at the rate of five periods per week, which will normally be required in the secondary school to prepare adequately for the college examination.

The following abridged statements give the general scope of the requirements in each subject. It should be noted that in several cases an examination subject outlined below will not be accepted toward admission to every school of the University. A candidate or teacher should compare the list carefully with the statements of the requirements of the school in which he is particularly interested.

*Definitions.* (Specimens of the question papers set by Columbia University are on file in the University Library or may be obtained from the Director of University Admissions upon application. The question papers set by the College Entrance Examination Board are published annually in book form by Ginn & Company, New York.)

## ENTRANCE REQUIREMENTS OF THE SEVERAL UNDERGRADUATE SCHOOLS

*Columbia College.* A.B. 15 units. *Prescribed*, 10 or 12 units—English (3); elementary mathematics (3); either elementary Latin (4) or Greek (3), or in lieu of Latin or Greek, elementary French (2) or elementary German (2), 2 units from physics (1), chemistry (1), history (1), and 2 units from intermediate French, intermediate German,



Latin 4, Latin 5, advanced English, Greek, history, Latin, mathematics. *Elective*, to make up a total of 15 units—of which not more than 4 units from elementary French (2), elementary German (2), Italian (2), Spanish (2); nor more than 3 units from botany (1), chemistry (1), physics (1), physiography (1), shopwork (1), zoology (1); any of the following not already included, except that to offer an advanced subject involves offering at the same time or earlier the corresponding elementary subject: elementary Greek (3), elementary history (2) or (1), drawing, freehand or mechanical (1), music (1), intermediate French (1), intermediate German (1), advanced English (1), advanced French, advanced German, advanced Greek (1), advanced history (1), advanced Latin (1), advanced Mathematics ( $\frac{1}{2}$ — $1\frac{1}{2}$ ).

*Candidates for the three-year course in Columbia College leading to the School of Mines, Engineering, and Chemistry must include solid geometry, plane trigonometry, and intermediate French or intermediate German.*

*Barnard College.* A.B. 15 units. *Prescribed*, 12 or 13 units—English (3), elementary mathematics (3), either elementary Latin (4) or elementary Greek (3), and modern foreign languages or Greek as a second ancient language (3). *Electives*, 3 or 2 units—as given under *Elective* for Columbia College with the omission of shopwork.

B.S. 15 units. *Prescribed*, 12 units—English (3); elementary mathematics (3); 2 units from botany (1), chemistry (1), physics (1), physiography (1), zoology (1), at least 3 units in French or German or both, intermediate or advanced subjects (2). *Elective*, to make up a total of  $14\frac{1}{2}$  units—as given under *Elective* for Columbia College with the omission of shopwork.

General two-years' course, 15 units. *Prescribed*, 6 units—English (3); mathematics (3). *Elective*, 9 units—Ancient or modern foreign languages (4); history, foreign languages, mathematics, or science (5).

*College of Pharmacy.* B.S. in Pharmacy, 15 units. *Prescribed*, 6 units—English (3), elementary mathematics (3). To offer an advanced subject involves offering either at the same time or earlier the corresponding elementary subject. English (3), elementary French (2), elementary German (2), elementary Greek (3), elementary history (2) or (1), elementary Latin (4) or (2), elementary mathematics (3), music (1), (2), (3), or (4), physics (1), intermediate French (1), intermediate German (1), advanced Greek (1), advanced history (1), advanced Latin (1), advanced mathematics (1), botany (1), chemistry (1), drawing (1), physiography (1), shopwork (1), Spanish (2), zoology (1), Hebrew (2), bookkeeping (1) or (2).

*School of Journalism.* The same as for Columbia College or Barnard College.

*School of Practical Arts.* B.S. in Practical Arts, 15 units. *Prescribed*, 7 units—English (3); 2 units from algebra (1) or (2), plane geometry (1), modern commercial and higher arithmetic (1), biology (1), botany (1), chemistry (1), industrial and commercial geography (1), physics (1), physiology ( $\frac{1}{2}$ ), physiography (1), zoology (1); 2 units from elementary French (2), German (2), Greek (2) or (3), Latin (2) or (3), Italian (2), Spanish (2), elementary history ( $\frac{1}{2}$ ), (1), (2), (3), or (4), industrial history (1), intermediate French (1), intermediate German (1),—advanced English (1), advanced French (1), advanced German (1), Greek (1), history (1), Latin (1), mathematics ( $\frac{1}{2}$ ), (1), or ( $1\frac{1}{2}$ ). *Electives*, 8 units—in addition to further choices from the foregoing, and not more than 4 units in all from the following may be elected: drawing (1), household arts (1), (2), or (3), music (1) or (2), shopwork (1), (2), or (3).

*Arithmetic, Modern Commercial and Higher* (1 unit). (May be counted for admission to the College of Pharmacy and the School of Practical Arts only.)

Review of the principles of arithmetic applied to the solution of modern commercial and industrial problems. Emphasis should be given to the principles of modern banking, domestic and foreign exchange, etc. Special emphasis should be given to the application of these topics to practical problems.

*Biology* (1 unit). (May be counted for admission to the School of Practical Arts only.)

The course should include elementary work in botany, zoology, and physiology.

*Botany* (1 unit). (1) Structure and life history of 16 or more types of representative families of plants, 10 of them seed plants. (2) Elementary plant physiology. (3) Elementary natural history (ecology of plants). Requiring one year of laboratory and class-room instruction, for the course. Note-book to be submitted.

*Chemistry* (1 unit). Preparation and properties of the common elements and their important compounds.

Mastery of the more usual chemical terms and ability to make simple calculations and explanations of chemical processes. Preparation should include lectures and demonstrations, study of standard elementary text-books, and 40 or more laboratory exercises. Note-book to be submitted.

*Drawing* (1 unit). *Freehand*. The ability to sketch freehand with reasonable accuracy—(a) From dictation: Simple geometrical figures; (b) From the object: A vase, household utensil, or other familiar object; (c) From the copy: Enlarging or reducing simple pieces of machinery or architectural or decorative detail. (At least 20 freehand drawings must be submitted.) *Or Mechanical*. 1. Knowledge of the use of the T-square, triangles, and other drawing instruments, and skill and correct habits in their use.

2. Knowledge of geometric constructions commonly needed in drafting, with accuracy and speed in their use.

3. Orthographic projection and isometric projection.

4. Working drawings of simple objects, with special reference to:

(a) Conventional methods of representing sections.

(b) Proper methods of showing dimensions.

(c) Some standard form of single stroke freehand lettering, such as Reinhardt's. Letters should be of a uniform slope, height, and thickness of stroke, well proportioned, well spaced, and well finished.

(d) Proper method of putting on the drawing explanatory notes for materials, methods of construction, finish, etc.

*English* (3 units). Examinations in (1) grammar and composition, and (2) literature. The examination in English literature will be based upon: (a) Books for reading, a list of which appears in the current *Announcement of Entrance in 1917, 1918, and 1919 Examinations and Admissions*, and (b) Books for study, arranged in four groups, from each of which one selection is to be made.

#### GROUP I—DRAMA

Shakspere: *Julius Cæsar* or *Macbeth* or *Hamlet*.

#### GROUP II—POETRY

Milton: *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*.

Tennyson: *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur*.

The selections from Wordsworth, Keats, and Shelley, in *Book IV* of Palgrave's *Golden Treasury* (First Series).

#### GROUP III—ORATORY

Burke: *Speech on Conciliation with America*.

Macaulay's *Two Speeches on Copyright*, and Lincoln's *Speech at Cooper Union*.

Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*.

#### GROUP IV—ESSAYS

Carlyle: *Essay on Burns*, with a selection from *Burns' Poems*.

Macaulay: *Life of Johnson*.

Emerson: *Essay on Manners*.

Those not familiar with the details of the new requirements for admission in English should consult the *Announcement of the Committee on Admissions*.

*English, Advanced* (1 unit). Candidates must have covered substantially the same ground as that included under *English A1-A2* (see page 124). (1) English composition, and certain works prescribed for reading rhetoric. The examination will test the candidate's grasp of expository, argumentative, descriptive, and narrative methods and will call for specific comment and comparison on points of style. Essays of certain specified types must also be submitted.

*French, Elementary* (2 units). Accurate pronunciation and the ability to read at sight easy prose and to put into French simple English sentences. The rudiments of the grammar involving all but the rare irregular verb forms and the simpler uses of conditional and subjunctive. The preparation should include, beside the mastery of a good elementary text-book, the reading of 300-600 pages of easy French. Beginning with 1917 an aural test will be included in the examination in this subject.

*French, Intermediate* (1 unit). Additional reading, 400-600 pages, including dramatic works. Grammar completed. Further drill in composition. Beginning with 1917 an aural test will be included in the examination in this subject.

*French, Advanced* (1 unit). Additional reading of from 600 to 1,000 pages of standard French, classical and modern; the writing of numerous short themes in French, and the study of syntax. *Geography, Industrial and Commercial* (Counting one unit). (*May be offered for entrance to the School of Practical Arts only*).

One-third of this course should be devoted to the elements of physical geography, and commercial geography should be studied around countries as units. A note-book showing that map and atlas study has been carried on in connection with the text study must be submitted.

See also *Physiography*.

*German, Elementary* (2 units). Accurate pronunciation and the ability to read easy dialogue and narrative prose, and a working knowledge of grammar and composition adequate for the putting into German of simple English sentences based upon a familiar vocabulary. The preparation should include, besides the mastery of a good elementary text-book, the reading of 150-200 pages of easy German. Beginning with 1917 an aural test will be included in the entrance examination in this subject.

*German, Intermediate* (1 unit). Additional reading, 400 pages of moderately difficult prose and poetry. Further drill in grammar and composition, with special reference to syntax. Beginning with 1917 an aural test will be included in the entrance examination in this subject.

*German, Advanced* (1 unit). Additional reading of about 500 pages of good literature in prose and poetry, reference reading upon the lives and works of the great writers studied, the writing of numerous short themes in German upon assigned subjects, independent translation of English into German.

*Greek, Elementary* (3 units). (a) i and ii.—Attic grammar and elementary composition, based on *Anabasis I-II*. (b) *Anabasis I-IV*. (c) *Iliad I-III* (except II, 494-end) with tests covering construction, poetic forms, and prosody. (f) Translation into Greek of simple, continuous English prose. (g) Translation into English at sight of continuous Greek prose.

*Greek, Advanced* (1 unit). Candidates must have covered substantially the same ground as that included under Greek 3-4; at least 1,200 additional lines in Homer, Herodotus, Book vi, and Plato's *Apology*. Also at least 15 exercises in Spieker's *Greek Prose Composition*.

*History, Elementary* (Each of the four divisions, a, b, c, and d counts 1 unit. Candidates for admission to the Schools of Journalism and Practical Arts may offer one or more of the divisions without restriction. All other candidates may offer any one or any two of the divisions without restriction). (a) Ancient, beginning with brief study of oriental peoples and coming down to the death of Charlemagne, with reference to art, literature, and government. (b) From 800 on, including the growth of the State system. (c) English history, including social and political developments. (d) American history with the elements of civil government.

Each field may best be covered by an accurate text-book of 300 pages, plus, say, 300 pages of selected supplementary reading.

*History, Advanced* (1 unit). The work performed must have been of the same kind, amount, and quality as that required for History A1-A2 (see page 136). Supplementary reading emphasizing the significance of historical phenomena. The candidate must present at least 5,000 words of notes on each historical field offered, and show practice in making historic parallels, in preparing digests of outside reading, and in the use of historical maps.

*History, Industrial* (1 unit). (*May be offered for entrance to the School of Practical Arts only*.)

Industrial History with special reference to the modern period and to the influence of the numerous factors of industrialism on the social, economic, and political aspects of life.

*Household Arts* (1, 2, or 3 units). (*May be offered for entrance to the School of Practical Arts only*.)

(a) Textiles and Sewing. Nature of common materials, their manufacture and use, principles underlying the construction of simple garments by hand or by machine. Laboratory instruction of not less than 180 hours. Note-books to be submitted.

(b) Foods and Cookery. Nature of food materials, principles underlying their preparation, and the principles involved in the cooking apparatus. Laboratory instruction of not less than 180 hours. Note-books to be submitted.

Advanced (either division counting 1 unit).

*Italian, Elementary* (2 units). The requirements correspond to those in Elementary French (see page 195). Beginning with 1917 an aural and oral examination will be included in the entrance examination in this subject.

*Latin, Elementary* (4 units), *i. e.*, Latin 4, *Cicero* and sight translation of prose; Latin 5, Virgil and sight translation of poetry; and Latin 6, advanced prose composition; or 3 units; *i. e.*, Latin 3, with either Latin 4 or Latin 5; or 2 units, *i. e.*, Latin 3.

*Latin, Advanced* (1 unit). Candidates must have covered substantially the same ground as that included under Latin A1-A2 (see page 93). Horace, *Odes*, Books I and III, with incidental prosody, and 400 lines of Catullus's shorter poems; Livy, Book XXI, Chapters 1-45 inclusive, Book XXII, Chapters 2-7 and 43-56 inclusive; Terence's *Phormio*. Specified exercises from Gildersleeve's and Lodge's *Prose Composition*.

*Mathematics, Elementary* (3 units). (a) Elementary algebra, including—i, the four fundamental operations for rational expressions, and such topics as lowest common multiple, ratio and proportion, linear equations, radicals, fractional and negative exponents; ii, quadratic equations, arithmetic and geometric progressions, the binomial theorem for positive integral exponents, the use of graphical methods. (c) Plane geometry—original exercises, loci, mensuration of lines and plane surfaces.

*Mathematics, Advanced* ( $\frac{1}{2}$  to  $1\frac{1}{2}$  units). (b) Advanced algebra ( $\frac{1}{2}$  unit): Permutations and combinations, complex numbers, determinants, numerical equations of higher degree, theory of equations, graphical methods, Descartes' rule of signs, and Horner's method. (d) Solid geometry ( $\frac{1}{2}$  unit): Original exercises, loci problems, mensuration of surfaces and solids. (e) Trigonometry ( $\frac{1}{2}$  unit): The principal formulas, simple equations and triangles, theory and use of logarithms (without infinite series).

*Music* (1 unit). (a) Musical appreciation (not involving ability to perform nor to read from printed music). (1) The principal musical forms and their historical development; (2) the lives and environment of Bach, Mozart, Beethoven, Schubert, and Chopin, and five other composers; (3) familiarity with certain designated compositions. (b) Harmony (1 unit). The elements of simple harmonization.

*Physics* (1 unit). The most important facts and laws in elementary physics. Preparation should include the mastery of a standard text-book supplemented by numerical problems, instruction by lecture with demonstrations and individual laboratory exercises—say mechanics, 15; sound, 3; heat, 5; light, 6; electricity, 8. Note-book to be submitted.

*Physiography*<sup>1</sup> (1 unit). Preparation includes modern text-books and at least forty individual laboratory and field exercises—say earth as a globe, 5; ocean, 5; atmosphere, 12; land, 18.

*Physiology* ( $\frac{1}{2}$  unit). (May be offered for entrance to the School of Practical Arts only.)

Not less than 90 hours of text-book, demonstration, and laboratory exercises covering each of the main topics in Physiology.

*Shopwork* (1 unit). Involving in each subject 180 laboratory hours' examination, both written and practical, on the use and structure of tools, nature of shop processes, methods of construction, and properties of materials. Authenticated models may be presented as evidence of technical skill.

The candidate may offer either (a) Woodwork—i, joinery; ii, turning and pattern-making, or (b) forging, or (c) machine-work.

*Spanish, Elementary* (2 units). The requirements correspond to those in elementary French (see page 195). Beginning with 1917 an aural and oral examination will be included in the entrance examination in this subject.

*Zoology* (1 unit). Laboratory and field study, supplemented by text-book and further reading. (1) General natural history of common American animal types. (2) Classification of animals into phyla and leading classes. (3) Structure of typical animals. (4) Physiology of the types studied and comparison of life processes of animals and plants. (5 and 6) (in a very elementary way) Reproduction, embryology, and (optional) elements of cytology. (7) Biological (optional) history.

*Admission to Advanced and Special Standing.* (See Faculty Statements, page 197, *et. seq.*)

<sup>1</sup>This is identical with the subject called Geography by the College Entrance Examination Board.

# COLUMBIA COLLEGE

## FACULTY

President BUTLER.

Dean KEPPEL.

Acting Dean HAWKES.

*Term expires 1918*—Professors BIGONGIARI, CALKINS, COSS, CURTIS, EGBERT, ELLIOTT, FANSLER, FITE, GROVE, GUERNSEY, HERVEY, JACOBY, LORD, MCCASTLINE, NEISH, NELSON, ODELL, PERRY, THOMAS.

*Term expires 1919*—Professors CHANDLER, DAVIS, ERSKINE, FORTIER, HAWKES, HAYES, HEUSER, JONES, KENDRICK, Chaplain KNOX, LOCKWOOD, (*Secretary*) MASON, F. G. MOORE, SICELOFF, STEEVES, WENDELL, WOODBRIDGE, WOODWORTH, YOUNG.

*Term expires 1920*—Professors AGGER, FARWELL, KEYSER, MCCREA, MCGREGOR, MAYER, MEYLAN, MITCHELL (H. B.), SAIT, SCHULZE, SCHUYLER, SELIGMAN, SHOTWELL, ALEXANDER, SMITH, SPIERS, TASSIN, ZANETTI.

## COMMITTEES

*On Instruction*—The Dean (*Chairman*), Professors ODELL, LORD, HERVEY, DAVIS, HAWKES, and LOCKWOOD.

*On Scholarships*—The Dean (*Chairman*), Professors SCHUYLER, LOISEAUX, MCGREGOR, VAN DOREN.

Delegates to the University Council (see page 6).

## ENTRANCE

(*For the details of admission to the Freshman Class see page 191*)

*Advanced Standing.* A candidate for admission to advanced standing upon basis of work done at another college should obtain and file at least one week before the September or January entrance examinations, the appropriate application blank, with a transcript of his academic record, and a marked catalogue of the institution that he leaves.

Appropriate credits up to a maximum of 18 points of the 124 required may be made by Freshmen who offer more than the prescribed number of units at entrance.

*Special Courses.* Students of serious purposes who are in a position to fulfil the requirements for admission to the Freshman class or who have had a valuable educative experience in practical life, may be admitted as non-matriculated students to pursue courses without reference to any degree. For details see the current *Announcement of Columbia College*.

## REGISTRATION AND FEES (See page 63)

## SCHOLARSHIP (See page 298)

*Program of Studies.* The period within which the requirements for the degree of A.B. or B.S. may be satisfied varies with the capability and industry of the individual student. In most cases four years are spent in making the required number of points;

students of ability and industry frequently complete the course in less time, especially if advantage be taken of courses in the Summer Session, or additional credit be gained by high standing; no student may spend more than six years as a candidate for a degree.

*General Regulations.* For students matriculating after July 1, 1916, the degree of A.B. only will be conferred; for information as to the requirements for students having matriculated at an earlier date consult the *Catalogue* for 1915-1916. The requirement for graduation is 124 points, the term 'point' signifying the satisfactory completion of work requiring attendance each half-year of one hour weekly in lectures, recitation, or honors conference, or a correspondingly longer period in laboratory or drafting-room.

Admission to courses depends strictly upon completion with the grade of C or better of the stated prerequisites.

A student in good standing is permitted upon completion of 94 points to elect two approved graduate courses which his previous training will enable him to pursue with profit.

To be recommended for a degree, a student must have made at least 84 points in actual college residence, and of these at least 24 in Columbia College. (Supplementary details are given in the current *Announcement of Columbia College*.)

In the administration of the College regulations, it is the policy of the Committee on Instruction and of the Dean to be guided in the treatment of individual cases largely by the recommendation of the adviser, and by the general attitude of the student in question toward the College, *i. e.*, whether or not he has proved himself a creditable member of the college community, as shown by regularity in attendance, promptness in the fulfilment of his obligations, earnestness in his endeavor to profit by his college opportunities, both direct and indirect, and by consideration of others.

With the recent rapid growth of the College, the Committee has been compelled, in the interest of sound teaching, to limit the attendance upon certain courses which cannot be broken up into sections. Admission to such courses is based in part upon priority of application and in part upon the operation of the policy described in the preceding paragraph.

*For Honors Candidacy.* Any student free from entrance conditions may elect to study for a degree with honors and pursue a curriculum involving less prescribed work but more independent reading and more thorough study in chosen subjects than are required of the general candidates for a degree.

The choice between the honors curriculum and the general curriculum is ordinarily to be made not later than April 15 of the Freshman year. The candidate chooses two subjects in which he will offer honors work and in consultation with the officers in charge of the subjects he has chosen plans his courses so as to meet the honors requirements.

The granting of honors is dependent upon the completion with high standing of honors courses in each of the chosen subjects, these courses being designed to guide the candidate's supplementary reading, and upon a final general examination covering the entire field of his honors work.

For candidates for a degree with honors the following courses only are prescribed: English A, History A, Mathematics A, Philosophy A, Physical Education, and the satisfaction of the foreign language tests (see below).

If at the end of any term examination a student fails in any course in his honor subjects to attain a grade of A or B, he is rejected as a candidate for honors and given appropriate credit toward an ordinary degree.

Upon the satisfactory completion of an honor sequence and the corresponding honors courses and upon the recommendation of the officer in charge, the candidate is given a general examination. This examination, partly written and partly oral, covers the

class-room work of the three years and tests the thoroughness of the assigned supplementary reading.

A grade of A in both subjects entitles the candidate to receive a degree with highest honors. A combination of A and B entitles him to a degree 'with high honors', and uniform grades of B to a degree 'with honors'. For further details see the current *Announcement of Columbia College*.

*For Degree without Honors.* Unless the equivalents have been offered for admission, the following courses are prescribed for students who are candidates for a degree, but not for honors: English A and B; History A; French or German A and B; Mathematics A; Philosophy A; Physical Education; and in addition:

For A.B. candidates: Latin A or Greek 5-6; Natural Science, involving laboratory work.

For B.S. candidates: Chemistry A and Physics A.

These prescriptions amount to a total of from 26 to 55 of the 124 points required for the degree, depending upon the student's offering at entrance and his college program.

Prior to graduation the student must have completed the equivalent of three years of sequential study, in courses aggregating at least 18 points beyond the elementary requirement for admission, in each of two departments.

*Professional Options.* A student desiring to enter upon professional studies before graduation from the College, who has completed not less than 64<sup>1</sup> points in Columbia College and has no deficiencies in prescribed work, may exercise one of the following options:

- (a) Upon receiving 72 points' credit he may take the studies of the first year in any one of the following professional schools of the University provided he can satisfy the stated requirements for admission thereto, and may receive the degree of A.B. upon the satisfactory completion of two years' work in such professional course:

The College of Physicians and Surgeons  
The School of Architecture  
The School of Journalism  
The School of Business  
The School of Dentistry

- (b) Upon receiving 94 points' credit he may similarly take and count towards the Bachelor's degree one year's work in any of the above schools and also in the School of Law, or he may, in consultation with the authorities of Teachers College, arrange a program which will enable him to qualify for a diploma in teaching during his residence in Columbia College.

The College offers a special three-year program to prepare students after graduation to enter the professional courses in the Schools of Mines, Engineering, and Chemistry of the University. Full information may be obtained in the current *Announcement of Columbia College*.

Students may also, under suitable circumstances, offer toward the Bachelor's degree courses given at the Union Theological Seminary or the General Theological Seminary; or if they are within 12 points of receiving the Bachelor's degree, they may take certain graduate courses in addition to their undergraduate programs.

*Miscellaneous.* All students admitted with conditions are assigned for advice to the Committee on Admissions until such time as their entrance deficiencies be removed. All candidates for honors are assigned for advice to a representative of the department

<sup>1</sup> In exceptional cases, students of high scholarship who have completed two years of college work elsewhere may satisfy the residence requirement by the completion of 34 points, not including Summer Session or Extension Teaching.

in which they first elect honor work. Special advisers are designated for students looking forward to law, medicine, engineering, and business, respectively. All other students are assigned to the Dean of the College, or to such officer of instruction or administration as he may designate.

The student's performance in a course is reported according to the following grades: A, excellent; B, good; C, fair; D, poor; F, failure.

A student who receives a mark of F in any prescribed course must repeat that course. In any session not more than one course marked D, may be counted toward a degree. Students receiving D may for the purpose of satisfying the requirements as to prerequisites improve this grade by reexamination, but without change in point credit.

The mark A in any two courses completed in any session (no course being counted twice) entitles a student who has not fallen below the mark B to one point of extra credit.

Matriculated students whose record as to entrance conditions and the completion of prescribed courses is satisfactory to the Committee on Instruction, are classified as follows:

*Freshmen*, those who have less than 26 points

*Sophomores*, those who have completed 26 points

*Juniors*, those who have completed 58 points

*Seniors*, those who have completed 88 points

The following additional matters are dealt with in the current *Announcement of Columbia College*, which may be had upon application to the Secretary of the University:

Description of Hamilton and Hartley Halls. Advice as to choice of studies. Regulations governing absences. Statement of courses which may be taken by College students with their prerequisites. Personal relations of students. Probational standing. System of examinations. Records and reports. Schemes of attendance and recommended programs for students having particular ends in view.



# SCHOOL OF LAW

## FACULTY

President BUTLER.

Dean STONE.

Professors ABBOTT, CANFIELD, GIFFORD (*Secretary*), GLENN, GUTHRIE, J. B. MOORE, MOORE (U.), PARKINSON, POWELL, SMITH (MUNROE), SMITH (Y. B.), TERRY.

Delegates to the University Council (see page 6)

*Purpose.* The Design of the School of Law is to afford a thorough, practical, and scientific education in the principles of: The common and statute law of the United States; the English and American system of equity jurisdiction; the Public law of the United States and Europe; the Roman law—ancient and modern; theoretical and comparative jurisprudence.

Opportunity is given through short special courses (see page 141) for specializing in particular fields.

*Application.* All applicants for admission must present satisfactory evidence of good moral character.

Admission to the School of Law as a matriculated student will be upon one of the following three conditions:

(a) Graduation from an approved college or scientific school of collegiate rank.

(b) The successful completion of three years of undergraduate study in an approved college or scientific school, which course of study must have included satisfactory courses in Economics and in English and American History.

(c) In lieu of either of the above, the presentation of satisfactory evidence of preliminary training obtained in higher institutions of learning, in this country or abroad, equivalent to that prescribed in either of the foregoing paragraphs (a) or (b).

(For detailed description of courses see page 141.)

*Advanced Standing.* Students complying with the above requirements for admission to the School, who have, in addition, successfully pursued the study of law for at least a year in an approved law school, on examination giving satisfactory evidence of proficiency in the studies of the first year, may be admitted to advanced standing as members of the second-year class. Examinations are usually required in the more important first-year subjects. No one will be admitted to advanced standing beyond the second year except by special vote of the Faculty.

The examinations for advanced standing cover all the work previously done by the class to which admission is sought, and are held at the end of the half-year in which the respective subjects are given and during the week preceding the opening of the fall term. Examinations may be dispensed with and credit given on certificate for courses satisfactorily completed in an approved law school in cases where such courses are deemed by the Faculty equivalent to the corresponding courses given in this School.

*Non-Matriculants.* Duly qualified persons not candidates for the degree of LL.B. may be admitted as non-matriculated students on presenting such evidence as the Faculty may require of their exceptional fitness to undertake with advantage the study of law. Applicants must usually have two years or more of College or Law School work to their credit and must be at least twenty-one years of age.

*Examinations.* Written examinations are held at the end of each half-year on the subjects completed during that half-year and on the subjects of the first and second years during the week preceding the opening of the academic year.

All students, whether matriculated or non-matriculated, must, unless excused by the Dean, present themselves for examination in all the subjects for which they are registered at the first examination held therein, and, in case of excuse from any examination, must take the next examination offered in such subject. *A student permitted to take a deferred examination must pay a fee of five dollars for a deficiency examination.* Students are not permitted to take examinations in courses for which they are not regularly registered.

At all stated examinations the standing of students will be indicated by the letters A. B. C. D. and F, representing Excellent, Good, Fair, Poor, and Failure, respectively. These grades will be part of the record of the students in the office of the Registrar, and will be reported to them as soon as possible after each examination.

No student will be admitted to the second-year class who is deficient in more than four hours of the work of the first year. No student will be admitted to the third-year class who is deficient in any subject of the first year, or in more than one full course or in more than two half-year courses of the second year.

No student failing in any subject will be permitted to take a second examination therein without having again taken the course in which such failure occurred, nor will any student failing a second time in any subject be allowed to continue in the School except by special vote of the Faculty.

No special examinations are given.

*Bachelor of Laws.* The required work for the degree of Bachelor of Laws consists of seventy-six points, each point representing the satisfactory completion of work requiring attendance one hour a week for one-half year. This requirement must be satisfied by a three years' residence and is usually met by a program embracing the prescribed work of the first year and of twelve hours or more of lectures per week through the second and third years.

No candidate for the degree may take less than twelve nor more than fourteen hours per week in the Winter or Spring Sessions.

Students registered in the Law School will, on approval of the Faculty, receive credit not exceeding seven points in any one year for law courses successfully completed by them in the Summer Session of the University. Attendance at a Summer Session will be deemed equivalent to one-fourth year's residence.

Not more than one full course representing four points nor more than two half-year courses representing three points each in which the student receives a mark of D may be counted toward a degree in any one year.

No student failing in any subject for which he is registered will be admitted to the degree unless within two years of such failure he receives a mark of C, at least, therein.

Non-matriculated students who have been members of the School for at least two years may become eligible for the degree if they shall have attained an average of B in all the work prescribed therefor.

#### MASTER OF LAWS (See page 231)

*Higher Degrees.* The degrees of Master of Arts and Doctor of Philosophy are also awarded for work done in part under the Faculty of Law. (See page 228.)

#### SCHOLARSHIPS AND PRIZES (See page 298)

#### FEES (See page 64)

## PROGRAM OF STUDIES

FIRST YEAR		SECOND YEAR		THIRD YEAR	
SUBJECT	HRS.	SUBJECT	HRS.	SUBJECT	HRS.
<i>1st Half</i>		<i>1st Half</i>		<i>1st Half</i>	
American Constitutional Law I	1	Domestic Relations	2	American Constitutional Law II	2
Contracts	4	Equity I	3	American Constitutional Law III	1
Criminal Law	3	Institutes of Roman Law	4	Code Pleading and Practice	2
Personal Property I	2	Insurance	2	Corporations	2
Torts	3	Quasi-Contracts	3	Equity II	3
		Real and Personal Property II	2	Evidence	4
		Sales	4	Historical and Comparative Jurisprudence	2
				International Law	2
				Law of Officers	2
				Municipal Corporations	2
				Partnership	3
				Real and Personal Prop. III	3
<i>2nd Half</i>		<i>2nd Half</i>		<i>2nd Half</i>	
Contracts	4	Agency I	3	American Constitutional Law II	2
Pleading and Practice I	3	Bankruptcy and Insolv.	2	American Constitutional Law III	1
Real Property I	4	Public Service Law	3	Code Pleading and Practice	2
Torts	3	Equity Pleading and Practice	2	Conflict of Laws	3
		Bills and Notes	3	Corporations	2
		Real and Personal Property II	2	Historical and Comparative Jurisprudence	2
		Trusts	4	International Law	2
		Wills and Administration	3	Mortgages	3
				N. Y. Trusts	2
				Suretyship	2

*Special Courses.* Admiralty, Law of Mining and Irrigation, Reading in the Digest of Justinian, Modern Civil Law,<sup>1</sup> History of European Law, Law of Water Rights,<sup>1</sup> Legal Bibliography and the Use of Law Books.

<sup>1</sup> Given alternate years only; omitted 1917-1918.

*Library.* The Law Library has been greatly extended and improved, and now consists of upwards of 63,000 volumes, which have been carefully selected to meet the wants of students. It contains practically every reported decision of the American, English, and British Colonial courts, and good working collections of American and foreign statute law, Roman and modern civil law, and jurisprudence. Lectures on legal bibliography and the use of law books are given by the Law Librarian.

# SCHOOL OF MEDICINE

## COLLEGE OF PHYSICIANS AND SURGEONS

### FACULTY

President BUTLER.

Dean LAMBERT.

Professors BURTON-OPITZ, CRAGIN, DARRACH, EVANS, GIES (*Secretary*), HOLT, HUNTINGTON, LAMBERT (A. V. S.), LEE, LONGCOPE, PAINTER, TILNEY, WOOD, and ZINSSER.

### COMMITTEES

*On Administration.* The Dean (*Chairman*), Professors CRAGIN, HUNTINGTON, LEE, and LONGCOPE.

*On Admission.* The Dean (*Chairman*), Professor ZINSSER.

*On Scholarships.* The Dean (*Chairman*), Professors PAINTER and BURTON-OPITZ.

*On Students' Library.* Professors HUNTINGTON (*Chairman*) and GIES.

*On Legislation.* Professors LAMBERT, LEE, and WOOD, and Professor STONE of the Law School.

*Historical.* King's College—the original foundation of Columbia University—organized a Medical Faculty in 1767 and was the first institution in the North American Colonies to confer the degree of Doctor of Medicine in course. The first individuals to graduate in medicine from the College were Robert Tucker and Samuel Kissam, who received the degree of Bachelor of Medicine in May, 1769, and that of Doctor of Medicine in May, 1770, and May, 1771, respectively. Instruction in medicine was given from this time on until the work of the College was broken up by the War of the Revolution. In 1784 an act was passed making Columbia College in the City of New York the successor of King's College, and instruction was resumed in the academic department. Eight years later the Medical Faculty was re-established, and was continued until 1814, when the Medical Faculty of Columbia College was merged in the College of Physicians and Surgeons, which had received an independent charter in 1807. In 1860, by agreement between the Trustees of the two institutions, the College of Physicians and Surgeons became the medical department of Columbia College, and from that time on the diplomas of the graduates were signed by the President of Columbia College as well as by the President of the College of Physicians and Surgeons. The connection was only a nominal one, however, until 1891, when the College was definitely merged in the University.

*Location and Equipment.* The College of Physicians and Surgeons was first situated at 18 Robinson Street, from 1807 to 1809. From 1809 to 1813 it was at 12 Magazine Street; from 1813 to 1837 at 3 Barclay Street; from 1837 to 1856 at 67 Crosby Street; and from 1856 to 1887 at 101 East Twenty-third Street. It now occupies a group of buildings which stand upon thirty contiguous lots of land, bounded on the south, west, and north by Fifty-ninth Street, Amsterdam Avenue, and Sixtieth Street, respectively.

*Main Building.* The main College buildings have been designed to facilitate the combination of theoretical instruction with laboratory work, which is essential to a modern scientific training. In these buildings, which have a floor space of 100,000 square feet, are the lecture halls, the recitation rooms, and the laboratories, under the supervision of their respective professors, all thoroughly equipped for the routine work

of the regular classes and for the special original and research work of the advanced students, instructors, and professors of the several departments; the administrative offices, the laboratories of physiology, bacteriology, anatomy, embryology and histology, organic and biological chemistry, medicine, neurology, surgery, pharmacology, pathology and clinical pathology, the morphological museums and laboratory, a dissecting-room accommodating 400 students, and two large amphitheaters.

For a more detailed account of the equipment of each department, see the departmental statements.

*Presbyterian Hospital.* The alliance brought about by the mutual action of the two boards of trustees between the College of Physicians and Surgeons and the Presbyterian Hospital permits the scientific and clinical direction by the University of the medical, surgical, and pathological services of the hospital. A clinic service in medicine and in surgery has been organized in the hospital and placed in the charge of the Professors of Medicine and of Surgery, respectively. These services contain about 100 beds each and form an admirable ward hospital service for the Departments of Medicine and of Surgery. The Presbyterian Hospital contemplates the building of a new plant in which the present arrangements will be far surpassed, both in scientific facilities and in the number of beds.

The exceptional advantages of such an alliance between the College and the Presbyterian Hospital can scarcely be overstated. The system of sending fourth-year students to the various hospitals as clinical clerks has been strengthened and made more effective. The students will be sent to the other hospitals, which have admitted clinical clerks, as heretofore, but the wards of the Presbyterian Hospital offer a more thorough opportunity for the study of bed patients. This development has placed the College of Physicians and Surgeons in the position where its clinical facilities are commensurate with the laboratory development which has taken place during the last ten years.

*Library.* The libraries of the College of Physicians and Surgeons consist of a general reference library with reading room, and the special libraries of various departments. The general reference library is located on the first floor of the main building. It is open during the day and is freely accessible to all students. It contains 7,500 volumes and 8,000 pamphlets, which include a collection of current text books and monographs and the most important current medical journals. The books are classified according to the classification of the Library of Congress, and are catalogued with author, subject, and title entries. The catalogue will eventually become a union catalogue of all books in the different libraries of the College. Books are loaned out over night for the convenience of students who wish to study at home. The special libraries are located in the rooms of the various departments. They consist largely of periodical literature, but include many monographs and other books relating to the subjects of the respective departments. They are of special interest to the investigators in these departments, but may be used by other students upon special request.

More than 300 periodicals are received in the several libraries of the College. The number of volumes and pamphlets is as follows:

Anatomy, 1,700 volumes, 2,000 pamphlets; Biological Chemistry, 2,800 volumes, 8,000 pamphlets; Pathology, 5,700 volumes, 2,000 pamphlets; Pharmacology, 450 volumes; Physiology, 8,000 volumes, 9,500 pamphlets; Practice of Medicine (Janeway Library), 3,000 volumes, 3,300 pamphlets; Reference Library, 7,500 volumes, 8,000 pamphlets; Surgery (at the Presbyterian Hospital), 1,000 volumes, 1,000 pamphlets; total, 30,150 volumes, 33,800 pamphlets.

*Crocker Fund.* This fund was established by a legacy from the late Mr. George Crocker for the purpose of conducting an investigation on the subject of cancer. The research laboratories of the Fund are situated on East Field, in a three-story and basement fireproof structure, measuring about forty by one hundred feet. The building is very completely equipped with the necessary apparatus for the experimental

study of cancer, and contains a large collection of specimens, a very complete library, photographic and photomicrographic apparatus, etc.

The immediate object of the Fund is the promotion of research in cancer. Voluntary workers who have had suitable preparation in pathological histology and pathology are welcome, and will be given sufficient instruction to enable them to pursue in a satisfactory manner some phase of cancer research. Formal courses will also be offered by the staff in pathological technique and tumor biology.

*Vanderbilt Clinic.* The Vanderbilt Clinic is a fully equipped dispensary for the sick poor. It affords ample material for extended practical clinical instruction in the various departments of medicine and surgery, as the professors, with their clinical assistants, have the entire charge of its practice. The building is so arranged that each department has a room for the practical instruction of students in small sections, in addition to the rooms devoted to the treatment of patients; besides, there is a large theater for clinical lectures and a small lecture hall. Modern appliances for the treatment of diseases have been introduced, so that students can learn thoroughly the use of methods in each of the special departments of medicine. During the year 1915, 38,837 patients were treated, making 175,941 visits to the Clinic. For detailed information as to the clinical lectures held here, see the departmental statements in this volume, or the current *Announcement of the College of Physicians and Surgeons*.

*Sloane Hospital.* The Sloane Hospital for Women is under the direction of the Professor of Obstetrics and Gynecology in the College of Physicians and Surgeons, an Instructor in Obstetrics and an Instructor in Gynecology being the Resident Officers. The wards of the Hospital furnish 107 obstetrical beds, 100 babies' cribs, and 24 gynecological beds. In addition there are 42 private room beds and accommodations for the house staff, students, and nurses. There are two large operating rooms, one for obstetrics and one for gynecology, each equipped with modern appliances for dealing with these conditions, where weekly clinics are held throughout the year.

With the completion of the Gynecological Department of the Sloane Hospital, the operative material of the large gynecological service of the Vanderbilt Clinic is made available for teaching purposes, so that students of the College of Physicians and Surgeons receive on the college grounds practical instruction, not only in normal and complicated obstetrics and the care of young babies, but in the treatment, operative and palliative, of all diseases of the female pelvic organs.

*Hospital Clinics.* The College is strongly represented on the staffs of most of the general and special hospitals of New York. In them both required and optional practical instruction is given by clinical lectures, in the dispensaries and at the bedside, all of which are prominent features of the curriculum. These hospitals are as follows: Roosevelt, Bellevue, Presbyterian, St. Luke's, German, Mt. Sinai, City, Lincoln, Hospital for the Ruptured and Crippled, St. Mary's Free Hospital for Children, Willard Parker, Scarlet Fever and Reception, New York Eye and Ear Infirmary, Foundling, the Babies Hospital, Herman Knapp Memorial Eye Hospital, the Manhattan Eye, Ear, and Throat Hospital, the Montefiore Home and Hospital, and the Woman's Hospital. For a detailed statement, see the current *Announcement of the College of Physicians and Surgeons*.

*Plan of Instruction.* The prescribed period of study for the degree of Doctor of Medicine is four years. The requirements for admission are given elsewhere, but too much stress cannot be laid upon the desirability of a student fulfilling the spirit as well as the mere letter of those requirements. Physics, general inorganic chemistry, and biology are now required for admission, and the student of medicine will grasp the advanced subjects forming the groundwork of the course the more easily and with the better understanding in proportion to the breadth and completeness of his preliminary education. The attention of students is particularly called to the regulations of Columbia College (see page 197) which permit a student to obtain a thorough prelim-

inary training and at the same time to complete the requirements for the degree of A.B. or B.S. and the degree of M.D. in six or in seven years.

In the arrangement of the different branches of the medical instruction, a logical order of the main themes and a coordination in the work of each department have been sought after, enabling the student to concentrate his attention upon some one subject and to be so familiar with it that the allied subjects next to be taken up shall be readily understood. The salient features in the method of instruction are thorough laboratory training, frequent demonstrations, clinical teaching in the operating theaters and at the bedside as well as in the dispensaries, with recitations and didactic lectures to elucidate the many problems confronting the student.

In the first half of the first year the time of the student is devoted largely to anatomy including histology and embryology. The instruction is carried on mainly by numerous demonstrations to sections and by long periods of uninterrupted work in the dissecting-room. Organic chemistry is taught by lectures, recitations, demonstrations, and laboratory exercises. In the second half of the first year anatomy is continued and physiology is begun, for which the students have been prepared by courses in anatomy. Physiology is taught by lectures, demonstrations, recitations, and practical work in the laboratory. Physiological chemistry is studied in the laboratory and by lectures, recitations, and demonstrations.

In the first half of the second year anatomy and physiology are completed. The lectures, recitations, and laboratory courses in pharmacology and bacteriology are attended. As preliminary to the third and fourth years, recitations from textbooks are held in obstetrics and surgery. In the second half of the year they study general, gross, and clinical pathology and are prepared for the study of medicine by an elementary clinic, and by instruction in the methods of physical diagnosis.

During the third year recitations in medicine and surgery are continued and those in gynecology, diseases of children, and therapeutics are begun. There are theoretical or clinical lectures in medicine, surgery, pharmacology and therapeutics, obstetrics, gynecology, neurology, laryngology, otology, urology, ophthalmology, dermatology and syphilology, orthopedic surgery, and diseases of children. The class is divided into small sections for instruction in physical and medical diagnosis, and in the special branches of medicine and surgery at the various dispensaries and hospitals.

The student in the fourth year spends most of his time in the hospitals and dispensaries of the city. Consequently, although a few general and clinical lectures are still given, the work is almost entirely practical and bedside instruction. Divided into small groups, the students continue to come into personal contact with patients under the supervision of the instructor. In this way they have the opportunity to become familiar with the history of a case, to make a complete physical examination, to form a diagnosis, to give a prognosis, to advise treatment, and to watch progress. In the course in surgery the witnessing of numerous major and minor operations is supplemented by an operative course in which the student himself performs on the cadaver many of the more common operations. For an obstetrical service, the unsurpassed facilities of the Sloane Hospital for Women and out-patient obstetrical department in connection with the Nursery and Child's Hospital, offer excellent opportunities. Here the student is required to live for five weeks and personally attend a certain number of cases of labor. The course in diseases of children includes bedside instruction at Bellevue Hospital and in the wards of the Babies Hospital, where exceptional advantages are enjoyed by the students for studying all forms of acute disease in infants and young children. The course is rounded out by personal instruction in the more special branches of medicine. In these branches the student is taught how to use instruments of precision and to recognize and treat successfully many of the rarer forms of disease.

*Clinical Clerks.* Courses in the wards of St. Luke's, Bellevue, Roosevelt, the Mt. Sinai, the Presbyterian, the New York, the German Hospital, and Montefiore Home



and Hospital, have been opened by those institutions to fourth-year medical students. These courses consist of work in the wards of the hospitals during which the students serve as clinical clerks both in medicine and surgery and become for the time being members of the regular staff.

*Admission.* All candidates must present the medical-student certificate of the Regents of the University of the State of New York, based on the following qualifications: The completion of not less than two full years of study, or the equivalent, in an approved college or scientific school, which college course must have included at least one year's instruction in the elements of physics, inorganic chemistry, and biology, and French or German.

*Changes in Admission Requirements, Beginning September, 1918.* The minimum requirements for admission to the first year will comprise two years of college work aggregating 72 points, as rated at present in Columbia College for the candidates of the "combined course." This work must include one year of physics, one year of inorganic chemistry based on college entrance chemistry, one-half year of qualitative analysis, one-half year of organic chemistry, one year of biology, two years of college English, and the equivalent in either French or German of courses A and B as prescribed by Columbia College. The preparation in physics, chemistry, and biology, which will be required for admission, is represented by the following courses in Columbia College:

*Physics A1-A2*—General elementary physics. Three lectures and 2 hours' laboratory work a week for one year.

*Chemistry 3-4*—General inorganic chemistry. Three lectures and 6 hours' laboratory work a week for one year.

*Chemistry 11*—Qualitative analysis. Two lectures and 6 hours' laboratory work a week for one-half year.

*Chemistry 41*—Organic chemistry. Three lectures and 6 hours' laboratory work a week for one-half year.

*Zoology 1-2*—Elementary biology and zoology. Two lectures and 4 hours' laboratory work a week for one year.

While the above courses represent the minimum requirements for admission to the first year, it is highly recommended that, if possible, the college work include three, instead of two, years, so as to allow a more thorough preparation in physics, chemistry, and biology. Such a three-year course, as offered by Columbia College, includes among other studies the following courses in the basal sciences. Although this combination of courses is given in Columbia, it is not essential that other colleges should adhere to this curriculum, except in so far as the minimum just given above is concerned. Other advanced work in the preliminary sciences would undoubtedly fit the student for his medical work in a most satisfactory manner.

*Mathematics 1*—Algebra. Three hours a week for one-half year.

*Mathematics 4*—Analytical geometry. Three hours a week for one-half year.

*Mathematics 15-16*—Differential and integral calculus. Three hours a week for 1 year.

*Physics 2*—Mechanics and wave motion. Three lectures and 1 recitation a week for one-half year.

*Physics 3*—Heat and light. Three lectures and 1 recitation a week for one-half year.

*Physics 3*—Heat and light. Three lectures and 1 recitation a week for one-half year.

*Physics 4*—Electricity. Three lectures and 1 recitation a week for one-half year.

*Physics 41-42*—Physical laboratory. Four hours a week for 1 year.

*Chemistry 3-4*—General inorganic chemistry. Three lectures and 6 hours' laboratory work a week for 1 year.

*Chemistry 11*—Qualitative analysis. Two lectures and 6 hours' laboratory work a week for one-half year.

*Chemistry 66*—Quantitative analysis. One lecture and 6 hours' laboratory work a week for one-half year.

*Chemistry 41-42*—Organic chemistry. Three lectures and 6 hours' laboratory work a week for 1 year.

*Chemistry 22*—Physical chemistry. Three lectures a week for one-half year.

*Zoology 1-2*—Elementary biology and zoology. Two lectures and 4 hours' laboratory work a week for 1 year.

*Zoology 91-92*—General zoology. Two lectures and 6 hours' laboratory work a week for 1 year.

After September, 1920, the College will admit combined course students from other institutions to advanced standing upon the conditions, first, that they have fulfilled the educational requirement of the classes in the college to which they ask admission, especially as to this premedical equivalent of 72 points in Columbia College, and, second, that they have received a bachelor's degree for this work prior to their admission to the College of Physicians and Surgeons.

Columbia University will give the degree of Bachelor of Science in medicine to every student entering the College of Physicians and Surgeons on this standard, upon the completion of the first two years of the medical course. Those students who elect the combined course of seven years in Columbia University will continue to receive the degree of A.B. upon the nomination of Columbia College.

*Admission with Advanced Standing.* Candidates who have completed, without conditions, one or more years of study in a medical school rated in class A by the Council on Medical Education of the American Medical Association and who apply for admission to the College of Physicians and Surgeons will be given credit for all courses satisfactorily completed therein, on presentation of proper certificates to the Committee on Admissions, covering the same; provided that the candidates before beginning the study of medicine have fulfilled the requirements for admission demanded by the College of Physicians and Surgeons. Application blanks will be furnished on request, and prospective students are advised to file their applications in the spring to avoid delay in matriculating at the opening of the session in September. It is essential that students offering themselves for admission to advanced standing should have had all the work completed by the class to which they seek admission at the College of Physicians and Surgeons.

Students planning to enter the second year from other medical schools who have not had a course in physiological chemistry at their medical school of previous residence may make up that deficiency by a course in the summer session at Columbia prior to admission.

The course in medical education divides itself logically into two parts, the first of which is scientific and consists of the first two years, and the second is clinical and consists of the last two years. It is found difficult to separate the work of the third and fourth years, and students who desire to obtain the advantages of the clinical opportunities offered in New York City, so far as they are represented by the College of Physicians and Surgeons, are recommended to transfer from their college of previous study at the end of their second year in medicine, and to take both the third and the fourth years at Columbia. Students who have finished the combined course leading to a bachelor's degree, of which the last two years have been taken in a regular medical school connected with their university, are eligible for admission to the third year at the College of Physicians and Surgeons, provided they have taken all the courses of its first two years. Those students, however, who are deficient in clinical pathology or general pathology, may make up either deficiency, before admission, in the summer session. Those students who are deficient in physical diagnosis may make up this subject in a special course which is given at the Vanderbilt Clinic for two weeks prior to the opening of the session.

The fourth year at the College is so eminently clinical that admission to it will be limited to students who have already secured the degree of doctor of medicine. It is

believed that it will be found to be a valuable post-graduate year for many graduates of other institutions.

*Special Students.* Students desiring to do special work at the College of Physicians and Surgeons may register at any time during the year as special students. Such applicants, however, cannot subsequently become candidates for graduation without full compliance with the terms of admission and graduation. Special students will be required to present to the Committee on Admissions before entrance evidence of an adequate preliminary education, and special fitness for the particular work they desire to pursue.

*Admission of Women.* The Trustees have, upon the recommendation of the medical faculty, admitted women to the Columbia School of Medicine. This innovation was put into effect in September, 1917, and women are now admitted upon the same conditions and pursue the same course as the other students.

*Graduation.* Every candidate in the four-year course will be required before admission to the degree of M.D.:

1. To present satisfactory evidence, as required by law, of good moral character, and of having attained the age of twenty-one years.
2. To present evidence of having complied with the requirements for admission.
3. To have attained to satisfactory standing in the required studies of the four years of the curriculum. (See table, page 212.)
4. A candidate who shall have been admitted to advanced standing will be required to have spent not less than four academic years at the studies referred to in the clause next preceding; and to have complied successfully with the requirements for admission to advanced standing.

No two academic years which shall have begun during the same calendar year will be held to satisfy the requirements of the preceding clause.

#### SCHOLARSHIPS, FELLOWSHIPS, AND PRIZES (See page 298)

Detailed information as to the laboratories, collections, and other facilities for study will be found in the statements of the various departments of instruction, page 72 *et seq.*, and more fully in the current *Announcement of the College of Physicians and Surgeons*.

*Summer Session.* A general statement of the work offered in the summer session will be found in connection with the statement of the summer session (see the Table of Contents of this volume), and a detailed announcement showing the scope of each course, the conditions under which it is given, and the fee charged, will be sent upon application to the Secretary of Columbia University. (See page 261.)

## COURSE OF STUDY LEADING TO THE DEGREE OF M.D.

(A much more detailed summary will be found in the current *Announcement of the College of Physicians and Surgeons*)

FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
Chemistry (Organic) 51 Anatomy (including Histology and Embryology) 101, 103-104 Physiology 106-107 (first half) Physiological Chemistry 101 or 102 <i>Examinations upon the work of the first year</i>	Anatomy 105 and 107 Neurology 215 Physiology 106-107 (second half) Pathology 102, 106 Bacteriology 101 Pharmacology 101-102 Obstetrics 102 Practice of Medicine 102, 104, 106 Surgery 103-104 <i>Examinations upon the work of the second year</i>	Practice of Medicine 201-202, 205-206, 207-208, 209-210, 219-220, 222 Neurology 201-202, 217-218 Surgery 201-202, 203-204, 205-206, 207 or 208 Obstetrics 201 Gynecology 201, 202 Urology 201, 202 Ophthalmology 201 and 202 Diseases of Children 201, 203-204, 207-208 Orthopedic Surgery 202 Dermatology 201-202, 204 Laryngology and Otology 201-202, 203-204, 205-206, 207-208 <i>Examinations upon the work of the third year</i>	Practice of Medicine 211-212, 213-214, 215-216, 221, 225-226, 227 Neurology 203-204, 205 Surgery 209-210, 211-212, 213-214 Obstetrics 203-204, 205-206 Gynecology 203-204, 205-206, 207-208, 209-210 Diseases of Children 209-210, 211-212 Hygiene and Preventive Medicine 202 <i>Examinations upon the work of the fourth year</i>
<i>Electives</i>  Anatomy 202, 302 Biological Chemistry 211-212, 221-222, 223-226, 301-302 Neurology 206 Surgery 216	<i>Electives</i>  Anatomy 109, 111, 113, 114, 116, 118, 120, 202, 251-252 and 302 Biological Chemistry 211-212, 221-222, 223-224, 225-226, 251-252, 261-262, 271-272, 281-282, 301-302 Pathology 104, 110, 201-202, 251-252 Neurology 206 Bacteriology 205-206, 208	<i>Elective Courses</i>  Anatomy 109, 111, 113, 114, 116, 118, 120, 202, 251-252, 302 Bacteriology 201, 203-204, 205-206, 208, 209-210, 211-212, 251-252 Biological Chemistry 211-212, 221-222, 223-224, 225-226, 251-252, 261-262, 271-272, 281-283, 301-302 Dermatology and Syphilology 205, 207, 209, 211 Diseases of Children 221-222 Gynecology 211-212, 213-214, 215-216	<i>Elective Courses</i>  Anatomy 109, 111, 113, 114, 116, 118, 120, 202, 251-252, 302 Bacteriology 201, 203-204, 205-206, 208, 209-210, 211-212, 251-252 Biological Chemistry 211-212, 221-222, 223-224, 225-226, 251-252, 261-262, 271-272, 281-283, 301-302 Dermatology and Syphilology 205, 207, 209, 211 Diseases of Children 221-222 Gynecology 211-212, 213-214, 215-216

Urology 204 and 206	Laryngology and Otology 209-210, 211-212, 213-214
Neurology 206	Neurology 206, 209-210, 211-212, 213-214, 231-232
Ophthalmology 205-206	Ophthalmology 205-206
Orthopedic Surgery 201	Orthopedic Surgery 203-204, 205-206, 207
Pathology 115, 201-202, 205, 206, 207, 231-252	Pathology 113-114, 115, 201-202, 205, 206, 207, 251-252
Physiology 108, 201-202, 203-204, 205-206, 207, 208, 225, 251-252	Physiology 108, 201-202, 203-204, 205-206, 207, 208, 225, 251-252
Practice of Medicine 217-218, 224, 228, 235-236, 241-242	Practice of Medicine 217-218, 224, 225, 228, 230, 239-240, 241-242, 251-252
Surgery 217-218	Surgery 217-218, 219-220, 221-222, 223-224, 225-226, 231-232, 233-234
Pharmacology 213-214, 215, 217, 251-252	Pharmacology 213-214, 215, 217, 251-252

# THE SCHOOLS OF MINES, ENGINEERING, AND CHEMISTRY

## FACULTY

President BUTLER.

Acting Dean PEGRAM.

Professors ARENDT, BAEKELAND, BEANS, BERKEY, BOGERT, BURNSIDE, CAMPBELL, CURTIS, DAVIS, FINCH, FISKE, FITE, FREAS, GRABAU, HALL, HARRINGTON, HAWKES, HEHRE, JACKSON (D.D.), JACOBY, JONES, JUDD, KENDALL, KERN, KEYSER, LOVELL, LUCKE, LUQUER, MACLAY, MAYER (*Secretary*), MEYLAN, MILLER, MORECROFT, MORGAN (J. L. R.), MOSES, MOSS, PARR, PEELE, PUPIN, RAUTENSTRAUCH, RAYMOND, SCHROEDER, SHERMAN (H. C.), SLEFFEL, SLICHTER, SMITH (ALEXANDER), THOMAS, THURSTON, TUCKER, WALKER, WENDELL, WILLS, and ZANETTI.

## COMMITTEE ON INSTRUCTION

The Dean (*Chairman*), Professors BERKEY, MAYER, RAUTENSTRAUCH, SLICHTER, WALKER, WENDELL, PEGRAM, and JACKSON.

Delegates to the University Council (see page 6).

The Trustees of Columbia University, in accordance with the unanimous recommendation of the Faculty of Applied Science, determined in 1912 to raise the requirements for admission to the Schools of Mines, of Engineering, and of Chemistry, and generally to elevate and strengthen the course of engineering and technical study, from and after July 1, 1914. These schools at that time became advanced or graduate schools to which students of any branch of engineering, who have had a suitable preliminary training in a scientific school or college, may come for the highest type of professional instruction and for training in methods of research.

Candidates for admission to the new courses are required to present evidence of such preliminary general education as can ordinarily be had only by taking at least three years of study in a college or scientific school of high rank.

The new arrangement need make no substantial change in the age of graduation from the professional school. The student who enters a college at sixteen or sixteen and one-half years of age, and who pursues a combined college and professional school course successfully, can be graduated under the terms of the new plan at about the same age as those students who formerly entered at eighteen and one-half years and followed the former four-year courses.

Beginning in 1915, the schools under the Faculty of Applied Science will offer the following courses:

The School of Mines. Three-year advanced courses leading to the degrees of Engineer of Mines and of Metallurgical Engineer.

The School of Engineering. Three-year advanced courses in Civil Engineering, Sanitary Engineering, Electrical Engineering, Mechanical Engineering, and Chemical Engineering, leading to the degrees of Civil Engineer, Electrical Engineer, Mechanical Engineer, and Chemical Engineer respectively.

The School of Chemistry. Three-year advanced courses, leading to the degree of Chemist.

The courses are intended to meet the requirements of the several professions indicated; and many of them permit a certain amount of specialization, particularly in the third year. The work in the School of Mines is so arranged that the student can emphasize the engineering, the metallurgical, or the geological side of his profession.

Candidates for a professional degree who have some special end in view will be occasionally permitted to vary the regular program by substituting other subjects offered under the Faculty of Applied Science.

*Requirements for Admission.* Admission to the Schools of Mines, Engineering, and Chemistry will be upon one of the two following conditions:

(a) The satisfactory completion of not less than three full years of study or the equivalent in an approved college or scientific school which course must have included adequate instruction in chemistry, mathematics, and physics and the first courses in drawing, mechanics, mineralogy, and shopwork, or

(b) In lieu of the above, candidates of mature years who may not be able to fulfill the requirements in every respect, but who have had a successful professional experience, may present such evidence as the faculty may require to prove exceptional fitness to undertake the study of engineering.

It is desirable that candidates for admission make application in the spring in order to ascertain whether it would be advisable to attend the Summer Session in July and August with a view of completing the requirements for admission.

Graduates of colleges and technical schools may be admitted to advanced standing by submitting evidence that they have satisfactorily completed courses required in the class or classes preceding the one for which application for admission is made.

Students who plan to do their college work elsewhere should apply without fail to the Secretary of the University for advice regarding the choice of their studies in order to make certain that they may be able to meet the new requirements for admission by the time their college work is completed.

*Preparatory Courses in Columbia College.* The attention of students who wish to pursue a course in the Schools of Mines, Engineering, and Chemistry is directed to the course in Columbia College, especially arranged for study preparatory to the work in engineering. See the current *Announcement of Columbia College*.

*Special Courses.* Graduates of the Schools of Mines, Engineering, and Chemistry, and of other institutions of equal grade, may pursue any subjects taught in the schools for which they are properly qualified.

Persons of mature age who are not graduates, but who show special qualifications, are sometimes permitted to pursue special courses, but this permission is not given to others.

#### REGISTRATION AND FEES (See page 63)

#### FELLOWSHIPS AND SCHOLARSHIPS (See page 298)

*Rules.* 1. A student cannot be a candidate for more than one professional degree at the same time.

2. A candidate for a degree must comply with all requirements in force at the time said degree is conferred.

3. A student will be permitted to substitute one subject for another provided he obtains the consent of the Dean, the heads of departments concerned, and the head of the department giving the technical instruction leading to the degree.

4. A student absent from more than one-tenth of the required exercises will be debarred from examination in that subject. No student shall be exempt from this regulation except by action of the Committee on Instruction.

5. After examinations have been held, officers shall report to the Registrar the standing of all students who have attended their courses, in terms of the letters A, B, C, D, and F; A, B, and C to be passing grades, D signifying a deficiency removable by re-examination, and F a complete failure. Reports of standing will be sent to students at the end of each term. Copies of all reports are at the same time sent to the Dean and to the Faculty adviser. They will be sent to the parent or guardian of students only on request.

6. Regular examinations shall be held at the end of the first half-year and at the end of the second half-year in all subjects offered during those respective periods. An examination may be held at the completion of any subject which does not extend throughout the given half-year.

7. Special examinations for students deficient at regular examinations shall be held during the two weeks in September preceding the opening of the next following academic year; and for members of the third class in subjects belonging to that year only, during the first week in May.

Students who have been debarred and students who have received a grade of F either during the regular term or in the Summer Session are excluded from such examinations in accordance with the terms of the following rule:

Any student who shall have been debarred from or shall have received a grade of F in any mid-year or final examination or in the Summer Session in any subject shall not be allowed to take a deficiency or make-up examination in said subject until he shall have repeated said course in class.

8. Failure to pass a Summer Session course, credit for which would be accepted as equivalent to a regular course in the Schools of Mines, Engineering, and Chemistry, shall be counted, in case a student registers for said course, as one of the three failures referred to in Rule 10.

9. The fee for special examinations is \$5 for each course, which must be paid when the application is made. For special examinations in the September series the maximum fee is \$25.

10. A student failing to pass in any subject at the regular examinations must present himself for special examination as provided under Rule 7.

Failing to pass the second examination, he must repeat the subject with the next class. Failing a third time to pass a satisfactory examination he may be dropped from the roll of the School.

11. Absence from any regular or special examination provided for in Rules 7 and 8 shall count as a failure unless excused by the Dean for reasons of weight.

12. No student having an entrance deficiency shall be permitted to register for any subject of the third year without the written consent of the Dean, and no student shall be permitted to register for any subject, the prerequisites for which have not been satisfied by him unless the Dean, for reasons of weight, grants him special permission.

13. Any student who shall have passed a satisfactory examination in Columbia College, in any subject forming a part of one of the professional courses in the Schools of Mines, Engineering, and Chemistry, will not be required to pursue that subject a second time.

14. During vacations following the close of specified years, memoirs on assigned subjects must be prepared by the students in the courses of Civil Engineering, Electrical Engineering, Mechanical Engineering, and Chemical Engineering. The time specified for the completion and handing in of memoirs will be as stated in the respective departmental announcements.

A student failing to hand in his memoir, drawings, or other summer work at the time specified by the department in which he is registered shall be considered to have



failed; to have his work received later, he will be obliged to pay a fee of \$5, as for a special examination.

15. By permission of the Dean, and concurrence of the heads of departments concerned, a student may attend subjects not required for his degree, provided such attendance does not interfere with his regular work. He must fulfill all the requirements exacted from regular students in such course.

Application for each special examination, except as provided below, must be filed at the office of the Registrar, not later than the date specified in the Academic Calendar for the series. For later application an additional fee of \$5 for any examination or series of examinations will be charged. Applications must be made on blanks (one for each course) to be obtained from the Registrar.

During the academic year students will be held responsible for the receipt of reports and other official communications sent to them at the University Post Office. During the summer vacation they will be held responsible for the receipt of such communications sent to their home address as given on their registration blank for the preceding academic year.

*Equipment.* Detailed statements as to the laboratories, museums, collections, libraries, and other facilities for study and research will be found following the departmental statements of *Chemistry, Civil and Sanitary Engineering, Electrical Engineering, Geology, Mechanical Engineering, Metallurgy, Mineralogy, Mining, and Physics.*

#### SUMMARY OF PROFESSIONAL COURSES OF STUDY

NOTE: Detailed tabular arrangements of each year of these courses will be found in the current *Announcement of the Schools of Mines, Engineering, and Chemistry.*

## ENGINEER OF MINES

The instruction during the first year includes fundamental training in physics, mechanics, chemistry, mineralogy, geology, and engineering, as outlined in the program of studies. Instruction in the second and third years includes mining engineering, metallurgy, and advanced geology, and certain subjects in civil, mechanical, and electrical engineering. Laboratory instruction in all these subjects extends through three years.

The engineering, mining, and metallurgical laboratories are equipped to train the student in the making of scientific tests of engineering materials, and working tests of machines and processes of ore treatment, thus preparing him, as far as it is possible in the school, for work that he will be called upon to do as an engineer.

Practical instruction in summer classes in the field is made an important feature of the curriculum.

While much time is given to practical training in the laboratories, in the field, and at the mines and metallurgical establishments, care is taken to subordinate this instruction to a high standard of accomplishment in class-room work.

FIRST YEAR			SECOND YEAR			THIRD YEAR		
Courses	Hours		Courses	Hours		Courses	Hours	
	Class	Lab.		Class	Lab.		Class	Lab.
<i>Winter Session</i>			<i>Winter Session</i>			<i>Winter Session</i>		
Drafting 7	0	3	Civil Eng. 149	3	0	Civil Eng. 177	2	0
Elect. Eng. 101	2	0	Civil Eng. 155	3	3	Elect. Eng. 119	1	3
Geology 5	2	3	Geology 105	3	0	Mech. Eng. 151	2	0
Mech. Eng. 101	2	0	Mech. Eng. 121	2	0	Metallurgy 131	1	0
Mech. Eng. 107	2	0	Metallurgy 181	2	9	Metallurgy 141	1	0
Mechanics 103	3	0	Mineralogy 11	0	3	Mining 171	3	0
Mineralogy 117	4	6	Mining 151	3	0	Mining 175	0	9
Physics 149	0	3	Mining 173	1	0	Mining 181	4	0
<i>Total hours</i>	15	15		17	15		14	12
<i>Spring Session</i>			<i>Spring Session</i>			<i>Spring Session</i>		
Chemistry 66	1	6	Civil Eng. 164	1	3	Geology 110	2	0
Chemistry 162	1	6	Elect. Eng. 104	2	0	Mech. Eng. 112	0	3
Chemistry 180	3	0	Elect. Eng. 118	1	3	Mech. Eng. 138	3	0
Drafting 8	0	3	Geology 4	0	3	Metallurgy 122	3	0
Elect. Eng. 102	2	0	Geology 106	3	0	Metallurgy 170	0	3*
Geology 6	3	0	Mech. Eng. 122	2	0	Mining 156	3	0
Mech. Eng. 102	2	0	Mech. Eng. 164	0	3	Mining 172	2	0
Mechanics 104	3	0	Metallurgy 101	3	0	Mining 182	0	3†
			Metallurgy 111			Mining 192	2	0
			Mining 152	2	0	Mining 194	2	0
			Mining 154	3	0			
<i>Total hours</i>	15	15		17	12		17	9
<i>Summer Work</i>			<i>Summer Work</i>					
<sup>1</sup> Civil Eng. 15S	5 weeks		Civil Eng. 28S	3 weeks				
Civil Eng. 27S	5 weeks		Geology 112S	1 week				
			Mining 158S	1 week				
			Mining 159S	6 weeks				

\* 10 consecutive afternoons.

† 15 consecutive afternoons.

<sup>1</sup> Students are advised to take this course during the previous summer.

## METALLURGICAL ENGINEER

This course, which covers three years, is intended for those who expect to follow metallurgical work and become trained metallurgists in any of the branches of the profession. During the first year attention is paid to a thorough training in fundamental subjects, especially in chemistry, physics, geology, mineralogy, and preliminary courses in engineering. In the second year instruction is given in metallurgy and in mechanical, electrical, and mining engineering, chemistry, mineralogy, and geology. The third year is devoted largely to advanced lecture courses and laboratory work in metallurgy, to important courses in mining engineering, and to the higher branches of engineering.

In the summer schools, instruction is given in general surveying, geological field work, and visits are made to metallurgical works. In the eight weeks' summer courses at metallurgical works the students are required to study processes, make dimension sketches of furnaces and mills, and by observation and instruction become acquainted with metallurgical operations as conducted at the time.

FIRST YEAR			SECOND YEAR			THIRD YEAR		
Courses	Hours		Courses	Hours		Courses	Hours	
	Class	Lab.		Class	Lab.		Class	Lab.
<i>Winter Session</i>			<i>Winter Session</i>			<i>Winter Session</i>		
Elect. Eng. 101	2	0	Civil Eng. 155	3	3	Civil Eng. 177	2	0
Geology 5	2	3	Geology 105	3	0	Elect. Eng. 119	1	3
Mech. Eng. 101	2	0	Mech. Eng. 121	2	0	Mech. Eng. 151	2	0
Mech. Eng. 107	2	0	Metallurgy 131	2	0	Metallurgy 141	1	0
Mechanics 103	3	0	Metallurgy 181	2	9	Metallurgy 151	2	0
Mineralogy 117	4	6	Mineralogy 11	0	3	Metallurgy 171	0	12
Physics 149	0	3				Mining 173	1	0
						Mining 181	4	0
<i>Total hours</i>	15	12		12	15		13	15
<i>Spring Session</i>			<i>Spring Session</i>			<i>Spring Session</i>		
Chemistry 66	1	6	Civil Eng. 164	1	3	Mech. Eng. 138	3	0
Chemistry 162	1	6	Elect. Eng. 104	2	0	Metallurgy 172	0	6
Chemistry 180	3	0	Elect. Eng. 118	1	3	Metallurgy 176	1	0
Drafting 8	0	3	Geology 4	0	3	Metallurgy 178	0	6
Elect. Eng. 102	2	0	Geology 106	3	0	Mining 182	0	3†
Geology 6	3	0	Mech. Eng. 122	2	0	Mining 192	2	0
Mech. Eng. 102	2	0	Mech. Eng. 164	0	3	Mining 194	2	0
Mechanics 104	3	0	Metallurgy 101	3	0	Adv. Met. Courses	8	0
			Metallurgy 111					
			Metallurgy 122					
			Mining 154	3	0			
<i>Total hours</i>	15	15		18	12		16	12
<i>Summer Work</i>			<i>Summer Work</i>					
<sup>1</sup> Civil Eng. 15S	5 weeks		Geology 112S	1 week				
Civil Eng. 27S	5 weeks		Metallurgy 164S	4 weeks				
			Metallurgy 166S	4 weeks				

† 18 consecutive afternoons.

<sup>1</sup> Students are advised to take this course during the previous summer.

## CIVIL ENGINEER

The purposes set forth in the General Statement are accomplished by instruction in the following list of subjects, the earlier of which are more fundamental while those of the last year are more professional in their character and scope. The subjects are so chosen as to accomplish broad educational training in the various fields of civil engineering. It will be observed that the effort is made to emphasize and ground the student in fundamental principles, especially in their applications to the practical matters of engineering work. The range of subjects is sufficient to cover essentially the manufacture and use of power; any structural work in iron and steel; masonry, including reinforced concrete; timber, and those constructions involving the consideration of the pressure and carrying power of earth. It will also be noted that the important subject of hydraulics is amply provided for by suitable topics covering public water supplies, flow in streams, natural and artificial, and hydraulic motors.

FIRST YEAR			SECOND YEAR			THIRD YEAR		
Courses	Hours		Courses	Hours		Courses	Hours	
	Class	Lab.		Class	Lab.		Class	Lab.
<i>Winter Session</i>			<i>Winter Session</i>			<i>Winter Session</i>		
Botany 7	1	3	Civil Eng. 151	3	3	Civil Eng. 185	2	0
Chemistry 161	0	6	Civil Eng. 153	5	6	Civil Eng. 187	2	6
Civil Eng. 121	2	0	Civil Eng. 161	2	3	Civil Eng. 189	3	3
Elect. Eng. 101	2	0	Civil Eng. 175	3	0	Civil Eng. 191	1	0
Geology 31	3	3	Mech. Eng. 121	2	0	Civil Eng. 197	3	0
Mech. Eng. 101	2	0	Mech. Eng. 147	3	3	Civil Eng. 199	1	0
Mechanics 103	3	0				Elect. Eng. 103	2	0
Metallurgy 133	2	0				Mech. Eng. 113	0	3
Physics 149	0	3				Mech. Eng. 161	0	3
<i>Total hours</i>	15	15		18	15		14	15
<i>Spring Session</i>			<i>Spring Session</i>			<i>Spring Session</i>		
Chemistry 180	3	0	Astronomy 106	2	3	Civil Eng. 188	2	0
Civil Eng. 122	0	6	Civil Eng. 152	3	3	Civil Eng. 190	3	3
Drafting 6	0	3	Civil Eng. 158	3	3	Civil Eng. 194	2	0
Drafting 8	0	3	Civil Eng. 160	2	0	Civil Eng. 200	0	3
Elect. Eng. 102	2	0	Civil Eng. 162	2	3	Elect. Eng. 112	2	0
Geology 32	2	3	Elect. Eng. 118	1	3	Elect. Eng. 120	1	3
Mech. Eng. 102	2	0	Mech. Eng. 122	2	0	Law 2	2	0
Mechanics 104	3	0				Mech. Eng. 150	2	0
Physics 106	3	0				Mech. Eng. 162	0	3
<i>Total hours</i>	15	15		15	15		14	12
<i>Summer Work</i>			<i>Summer Work</i>					
<sup>1</sup> Civil Eng. 15S	5 weeks		Civil Eng. 26S	2 weeks				
Civil Eng. 25S	5 weeks		Civil Eng. 29S	4 weeks				
			Astronomy 107S	3 weeks				

<sup>1</sup> Students are advised to take this course during the previous summer.

## ELECTRICAL ENGINEER

The actual curriculum including the various requirements which must be fulfilled in order to obtain the degree of E.E. are given in the following list of studies for each of the three graduate years, the character of each subject or requirement being explained more fully in the departmental statement referred to. Before entering these three years of graduate study, the student is required to have a training in such fundamental subjects as mathematics, physics, chemistry, mechanics and drawing, as outlined in the requirements for admission.

The three years outlined below are intended to include the more specialized professional instruction. However, even in these later years more advanced theoretical subjects, such as thermodynamics and electro-mechanics, are included and given most careful attention.

FIRST YEAR			SECOND YEAR			THIRD YEAR		
Courses	Hours		Courses	Hours		Courses	Hours	
	Class	Lab.		Class	Lab.		Class	Lab.
<i>Winter Session</i>			<i>Winter Session</i>			<i>Winter Session</i>		
Chemistry 161	0	6	Civil Eng. 155	3	3	Elect. Eng. 105	2	0
Civil Eng. 177	2	0	Elect. Eng. 121	3	6	Elect. Eng. 109	2	0
Elect. Eng. 101	2	0	Mech. Eng. 113	0	3	Elect. Eng. 123	3	6
Geology 41	2	0	Mech. Eng. 119	2	3	Elect. Eng. 125	1	3
Mech. Eng. 101	2	0	Mech. Eng. 161	0	3	Mech. Eng. 135	2	3
Mech. Eng. 105	2	0	Physics 111	2	0	Mech. Eng. 151	2	3
Mechanics 103	3	0				Physics 113	2	0
Metallurgy 133	2	0						
Physics 149	0	3						
<i>Total hours</i>	15	9		10	18		14	15
<i>Spring Session</i>			<i>Spring Session</i>			<i>Spring Session</i>		
Chemistry 180	3	0	Elect. Eng. 104	2	0	Elect. Eng. 112	2	0
Chemistry 184	2	3	Elect. Eng. 108	3	3	Elect. Eng. 114	2	0
Elect. Eng. 102	2	0	Elect. Eng. 110	2	0	Elect. Eng. 116	2	3
Law 2	2	0	Elect. Eng. 122	3	6	Elect. Eng. 124	3	6
Mech. Eng. 102	2	0	Mech. Eng. 120	2	3	Elect. Eng. 126	1	3
Mech. Eng. 106	2	0	Mech. Eng. 146	2	0	Mech. Eng. 138	2	0
Mechanics 104	3	0	Mech. Eng. 162	0	3	Physics 52	1	0
Physics 150	0	6	Physics 112	2	0	Physics 114	2	0
<i>Total hours</i>	16	9		16	15		15	12
<i>Summer Work</i>			<i>Summer Work</i>					
Mech. Eng. 114S	8 weeks		Inspection and report on A. C. Power Plant.					

NOTE. Modification of course as tabulated was made necessary by war conditions.

## MECHANICAL ENGINEER

All subjects leading to the degree of Mechanical Engineer are listed in the following table, together with the year and term in which they are given. The first year is devoted to essential preparatory and introductory subjects so treated as not only to prepare for later work directly but to give a survey of all that is to come. In the second year there are developed the basic principles of thermodynamics, resistance of materials and hydraulics, which are fixed in the mind of the student by drill, in the drafting-room by design courses, in the laboratory by experiments and tests, and in class by analysis of standard mechanical and electrical machinery. The third year is devoted to a detailed treatment of gas, steam, and water power units and plants and to factory buildings, equipment, processes and management. Throughout the course the aim is to develop clear conceptions of underlying principles, habits of independent thought and orderly mental procedure applicable to any sort of mechanical engineering problems rather than to the memorization of isolated facts. The training given not only fits the

FIRST YEAR			SECOND YEAR			THIRD YEAR		
Courses	Hours		Courses	Hours		Courses	Hours	
	Class	Lab.		Class	Lab.		Class	Lab.
<i>Winter Session</i>			<i>Winter Session</i>			<i>Winter Session</i>		
Chemistry 161	0	6	Civil Eng. 155	3	3	Elect. Eng. 107	2	0
Civil Eng. 177	2	0	Elect. Eng. 103	2	0	Mech. Eng. 131	0	3
Elect. Eng. 101	2	0	Mech. Eng. 115	3	0	Mech. Eng. 135	2	3
Mech. Eng. 101	2	0	Mech. Eng. 123	4	0	Mech. Eng. 139	2	0
Mech. Eng. 103	2	0	Mech. Eng. 125	2	0	Mech. Eng. 143	2	0
Mech. Eng. 109	1	0	Mech. Eng. 127	0	3	Mech. Eng. 159	2	0
Mech. Eng. 111	0	3	Mech. Eng. 171	0	6	Mech. Eng. 167	2	3
Mechanics 103	3	0				Law 2	2	0
Metallurgy 133	2	0						
Physics 149	0	3						
<i>Total hours</i>	14	12		14	12		14	9
<i>Spring Session</i>			<i>Spring Session</i>			<i>Spring Session</i>		
Chemistry 180	3	0	Elect. Eng. 106	2	0	Elect. Eng. 120	1	3
Elect. Eng. 102	2	0	Elect. Eng. 118	1	3	Mech. Eng. 136	3	6
Mech. Eng. 102	2	0	Mech. Eng. 116	3	3	Mech. Eng. 146	3	3
Mech. Eng. 104	2	3	Mech. Eng. 124	4	0	Mech. Eng. 152	3	0
Mech. Eng. 110	2	6	Mech. Eng. 128	2	0	Mech. Eng. 158	0	3
Mech. Eng. 112	0	3	Mech. Eng. 130	2	0	Mech. Eng. 160	2	0
Mechanics 104	3	0	Mech. Eng. 132	0	3	Mech. Eng. 163	2	3
Metallurgy 156	0	3	Mech. Eng. 172	0	6			
<i>Total hours</i>	14	15		14	15		14	18
<i>Summer Work</i>			<i>Summer Work</i>					
Mech. Eng. 114S	8 weeks		Mech. Eng. 134S	4 weeks				
			Mech. Eng. 142S	4 weeks				

NOTE. Modification of course as tabulated was made necessary by war conditions.

student to take up the design of machinery and the perfection of processes of doing things by mechanical means, but also to take ultimately a leading place in the management of the manufacturing and transportation industries as engineer or executive.

### CHEMICAL ENGINEER

The courses of instruction leading to the degree in Chemical Engineering are carefully chosen with a view to training men to develop and direct those industrial and manufacturing operations and processes which are based upon the application of chemistry. A general knowledge of civil engineering is obtained from courses in hydraulics and resistance of materials. Electrical applications are studied in the Direct and Alternating Current Laboratories with the electrical engineers. A study of steam and gas power machinery, pumps, turbines, blowers and hydraulic equipment in the mechanical engineering laboratories supplements the courses in general physics, thermodynamics and hydraulics.

FIRST YEAR			SECOND YEAR			THIRD YEAR		
Courses	Hours		Courses	Hours		Courses	Hours	
	Class	Lab.		Class	Lab.		Class	Lab.
<i>Winter Session</i>			<i>Winter Session</i>			<i>Winter Session</i>		
Chemistry 41	3	6	Chemistry 131	3	3	Chemistry 173	2	0
Chemistry 63	2	9	Civil Eng. 155	3	3	Chemistry 177	2	6
Elect. Eng. 101	2	0	Civil Eng. 177	2	0	Chemistry 187	2	0
Mech. Eng. 101	2	0	Elect. Eng. 103	2	0	Chemistry 189	0	3
Mechanics 103	3	0	Elect. Eng. 117	1	3	Chem. Eng. 191	3	0
Physics 149	*1½	0	Mech. Eng. 105	2	0	Mech. Eng. 151	2	0
			Mech. Eng. 119	2	3	Metallurgy 131	1	0
<i>Total hours</i>	13½	15		15	12		12	9
<i>Spring Session</i>			<i>Spring Session</i>			<i>Spring Session</i>		
Chemistry 42	3	6	Chemistry 132	3	3	Chemistry 184	2	3
Chemistry 64	1	3	Chemistry 186	2	0	Chemistry 198	2	0
Chemistry 162	1	6	Elect. Eng. 120	1	3	Chemistry 200	1	3
Chemistry 182	3	0	Law 2	2	0	Chemistry 296	2	0
Elect. Eng. 102	2	0	Mech. Eng. 106	2	0	Mech. Eng. 136	3	6
Mech. Eng. 102	2	0	Mech. Eng. 112	0	3	Metallurgy 101	3	0
Mechanics 104	3	0	Mech. Eng. 120	2	3	Metallurgy 111		
			Metallurgy 184	1	3	Metallurgy 122	3	0
<i>Total hours</i>	15	15		13	15	Metallurgy 156	0	3
<i>Summer Work</i>			<i>Summer Work</i>					
Chem. Eng. 80S	2 weeks		Chem. Eng. 188S	6 weeks				
Mech. Eng. 108S	6 weeks		Mech. Eng. 166S	3 weeks				

\* Represents 3 hours laboratory work.

In addition to the training in the fundamental engineering courses, it is sought to advance the students' knowledge of chemistry into the fields of physical chemistry, organic chemistry, and the more important special applications of industrial chemistry.

During the final year much attention is given to the development of the skill of the student in the application of the fundamental, engineering and chemical principles studied earlier in the course to the practical problems of the industry. The Chemical Engineering Laboratory is so equipped and managed as to develop the power of making direct application of previous training.

Graduates in Chemical Engineering obtain positions in works laboratories as assistants to superintendents of works, and assistants to designing and erecting chemical engineers, and in various other capacities calculated to develop the experience leading to the independent direction and management of manufacturing enterprises.

## CHEMISTRY

The graduate years include courses in all branches of chemistry. In view of the increasing use of electricity in industrial chemistry, this science is studied continuously during the first two years. In the third year the work is all elective, and it is concentrated in a few subjects each half-year to the end that the student may devote himself to two or more branches of the science, and develop to the fullest extent his knowledge of the lines of work chosen. By means of preceptorial conferences, much attention is given to outside reading and to practising the art of mastering all that is known about a given topic. The chemical courses furnish the student with technical knowledge of the methods of the science. The conferences enable him to recognize, to lay out, and to solve the problems which his professional work will constantly bring to him for solution.

The three-year course in chemistry prepares men for professional careers as analytical and consulting chemists, teachers of chemistry, research workers in the government, state, municipal and endowed scientific laboratories, and as chemists for the operating departments of railroads and of large industrial establishments which maintain separate chemical and engineering staffs, such as packing houses, sugar refineries, and other large food factories, fertilizer works, gas works, textile and dye works, and establishments where glass and ceramic products, explosives, illuminating and lubricating oils, metals and alloys, alkalis, acids, drugs, and innumerable other products are manufactured.

Problems arising in factories and in public and private undertakings, which do not constantly employ chemists, and special problems arising in factories which do employ chemists, are constantly referred to analytical and consulting chemists.

The agricultural experiment stations, the federal and state food laboratories, the boards of health, the state and national geological surveys, and the many privately endowed institutions for scientific research employ very large numbers of chemists as workers and directors.

Many of the larger and more progressive manufacturing establishments maintain thoroughly equipped laboratories devoted entirely to experimental research for the purpose of improving present manufacturing processes and for devising new and better ones.



# FACULTIES OF POLITICAL SCIENCE, PHILOSOPHY, AND PURE SCIENCE

## FACULTY OF POLITICAL SCIENCE

President BUTLER.

Dean WOODBRIDGE.

Professors CHADDOCK, CLARKE, DEVINE, DUNNING, GIDDINGS, GUTHRIE, HAYES, HAZEN (C. D.), JOHNSON, KENDRICK, LINDSAY, MCBAIN, MCGIFFERT, MITCHELL (W. C.), MOORE (J. B.), MOORE (H. L.), MUZZEY, OSGOOD, POWELL, (*Secretary*), ROBINSON, ROCKWELL, SAIT, SCHUYLER, SEAGER, SELIGMAN, SHEPHERD, SHOTWELL, SIMKHOVITCH, SMITH (MUNROE), STOWELL, TENNEY.

### COMMITTEE ON INSTRUCTION

Professors SELIGMAN (*Chairman*), DUNNING, MUNROE SMITH, GIDDINGS, and SHOTWELL.

### COMMITTEE ON INSTRUCTION

Professors SELIGMAN (*Chairman*), DUNNING, MUNROE SMITH, GIDDINGS, and MCBAIN.

Delegates to the University Council (see page 6).

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*General Statement.* The Faculty of Political Science, established in 1880, has charge of the university courses of instruction and research in political and social science, including history, economics, public law, and comparative jurisprudence. Any duly matriculated university student is at liberty to combine courses of study and investigation under this Faculty with courses offered by other Faculties of the University. Women who hold a baccalaureate degree are admitted to the School of Political Science as students in history, economics, and social science and may become candidates for degrees of Master of Arts and Doctor of Philosophy.

Students are admitted to the University under conditions given under "Regulations for the Degrees of Master of Arts and Doctor of Philosophy" page 228, *et seq.*

*Courses.* For information regarding the courses offered during the current year, see departmental statement under groups of subjects as follows:

*History*, page 136.

*Economics and Social Science*, page 99.

*Politics, Public Law, and Comparative Jurisprudence*, page 142.

For more detailed accounts of the courses and for the tender of the current year application should be made for the current *Announcement of the Division of History, Economics, and Public Law*.

## FACULTY OF PHILOSOPHY

President BUTLER.

Dean WOODBRIDGE.

Professors ADLER, AYRES, BAGSTER-COLLINS, BAKER, BALDENSPERGER, BEWER, BOAS, BREWSTER, BUSH, CARPENTER, COE, CRAWFORD, DE ONÍS, DEWEY, EGBERT,

ERSKINE, FLETCHER, GERIG, GOTTHEIL, HERVEY, JACKSON (A. V. W.), KNAPP, KRAPP, LAWRENCE (*Secretary*), LODGE, LOISEAUX, MCCREA, MCMURRY, MATTHEWS, MILLER (D. S.), MONROE, MONTAGUE, MOORE (F. G.), PERRY, PITKIN, PRINCE, REMY, RUSSELL, SAVILLE, STRAYER, STURTEVANT, THOMAS (C.), THORNDIKE (A. H.), THORNDIKE (E. L.), TODD, TRENT, WEEKS, WOODWORTH, WRIGHT, and YOUNG.

#### COMMITTEE ON INSTRUCTION

Professors CALVIN THOMAS (*Chairman*), A. H. THORNDIKE, MCCREA, WOODWORTH, and MONROE.

Delegates to the University Council (see page 6).

*General Statement.* The Faculty of Philosophy, established in 1890, has charge of the university courses of instruction and research in philosophy, psychology, education, anthropology, philology, and letters. Any duly matriculated university student is at liberty to combine courses of study and investigation under this Faculty with courses offered by other Faculties of the University.

Students are admitted to the University under this Faculty under conditions given in "Regulations for the Degrees of Master of Arts and Doctor of Philosophy," page 229.

*Courses.* For information regarding the courses offered (during the current year) see departmental statements as follows: *Anthropology*, page 75. *Classical Philology* (including *Archæology and Epigraphy*), page 91. *Education*, page 105. *English and Comparative Literature*, page 124. *Germanic Languages*, page 131. *Oriental Languages: Chinese*, page 155; *Indo-Iranian*, page 155; *Semitic*, page 156. *Philosophy and Psychology*, page 162. *Romance Languages*, page 182. *Science of Language*, page 124. *Slavonic Languages*, page 158.

For more detailed accounts of the courses and for the tender of the current year application should be made for the current divisional *Announcement of Ancient and Oriental Languages; Modern Languages and Literatures; Philosophy, Psychology, and Anthropology*; and of *Teachers College, School of Education*.

#### FACULTY OF PURE SCIENCE

President BUTLER.

Dean WOODBRIDGE.

Professors BEANS, BERKEY, BOGERT, BRITTON, BURTON-OPITZ, CALKINS, CAMPBELL, COLE (*Secretary*), CRAMPTON, CURTIS, DAVIS, DEAN, FISKE, FITE, FREAS, GIES, GRABAU, GREGORY, HARPER, HAWKES, HUNTINGTON, JACOBY, JOHNSON (D. W.), KASNER, KENDALL, KEYSER, LEE, LUCKE, LUQUER, MACLAY, MARQUETTE, MITCHELL (H. B.), MORGAN (J. L. R.), MORGAN (O. S.), MORGAN (T. H.), MOSES, NELSON, OSBORN, PEGRAM, PIKE, POOR, PUPIN, RAYMOND, RICHARDS, SHERMAN (H. C.), SLICHTER, SMITH (ALEXANDER), SMITH (D. E.), TROWBRIDGE, WEBB, WILLS, WILSON, WOOD (F. C.), WOODHULL, and ZINSSER.

*General Statement.* The Faculty of Pure Science, established in 1892, has charge of the university courses of instruction and research in all branches of pure science. Any duly matriculated university student is at liberty to combine courses of study and investigation under this Faculty with courses offered by other Faculties of the University.

Students are admitted to the University under this Faculty under conditions given in "Regulations for the Degrees of Master of Arts and Doctor of Philosophy" pages 229-230.

*Courses.* For information regarding the courses offered the current year, see departmental statements as follows: *Anatomy*, page 74. *Astronomy*, page 78. *Bacteriology*, page 79. *Biological Chemistry*, page 79. *Botany*, page 80. *Chemistry*,

page 85. *Civil Engineering*, page 89. *Electrical Engineering*, page 122. *Geology*, page 129. *Highway Engineering*, page 90. *Mathematics*, page 145. *Mechanical Engineering*, page 147. *Mechanics*, see *Physics*. *Metallurgy*, page 148. *Mineralogy*, page 150. *Mining*, page 151. *Pathology*, page 158. *Pharmacology*, page 159. *Physics*, page 167. *Physiology*, page 169. *Zoology*, page 188.

For more detailed accounts of the courses and for the tender of the current year application should be made for the divisional current *Announcement of College of Pharmacy; Biology; Chemistry; Geology, Geography, and Mineralogy; Mathematical and Physical Sciences*; and of the *Schools of Mines, Engineering, and Chemistry*.

*Foreign Service.* There is also a system of courses to prepare students for work in foreign countries either in the service of the United States Government, in business enterprises, or as missionaries or scientific investigators.

The successful completion of the courses offered, which will normally occupy three years in the case of candidates for the consular service, and two years in the case of candidates for other foreign service in special fields, will entitle the student, on recommendation of the committee in charge of the course of studies, to an appropriate certificate. Subject to the rules of the institution, candidates for certificates are admitted to candidacy for the regular academic degrees.

The course of study is framed primarily for graduate students, but it is also open to specially qualified students who have not completed the full college course. Students are expected to have completed successfully at least two years of undergraduate work or to give proof of equivalent training.

Candidates for a certificate must prove their ability to read French or German, and must have completed the regular college courses on the general principles of economics, American history, and European history of the nineteenth century.

The program of studies includes seven divisions: (1) Languages, (2) Geography, (3) Ethnography, (4) History, (5) Religions, (6) Economics, (7) Law.

## REGULATIONS FOR THE DEGREES OF MASTER OF ARTS AND DOCTOR OF PHILOSOPHY

In order to be admitted to the University under the Faculties of Political Science, Philosophy, or Pure Science a student must hold a baccalaureate degree in arts, letters, philosophy, or science, or an engineering degree, from an approved institution or have an education equivalent to that represented by one of these degrees.

Students are advised to ascertain, by addressing the Director of University Admissions, before coming to the University, whether the college from which the baccalaureate degree has been received is upon the list of institutions whose degrees are accepted by Columbia University as entitling the holder to admission under one of these faculties; or for a ruling upon an education claimed to be the equivalent of an acceptable Bachelor's degree.

A student who is graduated from a college which is not on the approved list should submit (1) an official transcript of his college record, showing the grades received in the several courses; and (2) a catalogue of his college in which he has marked (a) each of the subjects that he offered for admission, and (b) each course for which he has received credit toward the degree.

Students of mature age and special fitness whose previous education does not entitle them to admission as students under one of these faculties, may be admitted as students in the University, and, with the authorization of the Director of University Admissions, may register for courses under the control of these faculties. In general, students who do not hold the first degree or its equivalent are recommended to apply for admission to Columbia College, Barnard College, or the School of Practical Arts.

Every student is admitted subject to the disciplinary powers of the University.

No degrees are granted by the University for work done *in absentia* and a minimum residence in the University of one academic year is required of every candidate for a degree. A year of residence under the Faculties of Political Science, Philosophy, and Pure Science is defined as attendance upon courses aggregating not less than thirty tuition points, distributed over a period of not less than one academic year or its equivalent. Four Summer Sessions or two Summer Sessions together with a Winter or Spring Session are equivalent to one academic year. In certain cases and by special arrangement time exclusively devoted to investigation in the field will be credited in partial fulfilment of the requirement of residence.

*Students in Professional Schools.* A student holding the required first degree who is primarily registered in a professional school of Columbia University, or in an allied professional school, may, with the consent of the faculty of such school be registered under the Faculties of Political Science, Philosophy, or Pure Science. In case such a student is accepted as a candidate for a degree, he must conform to all the rules and regulations of these faculties; but he may offer as the equivalent of fifteen tuition points for residence for the degree of Master of Arts or in part fulfilment of the residence requirements for the degree of Doctor of Philosophy such of his professional courses as may be approved for such purpose by the Dean. In accordance with this provision, it is the custom of the Dean to approve only those professional courses which have been accepted by the several departments under these faculties and approved by them and the University Council.

## REGULATIONS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

A student admitted to the University under the jurisdiction of the Faculties of Political Science, Philosophy, or Pure Science, who wishes to become a candidate for the degree of Doctor of Philosophy will be matriculated by the Dean upon the recommendation of the department in which his research work lies. Departments will recommend students for matriculation upon the following conditions:

1. The student must have pursued graduate studies in residence in this University or in some other institution approved by it for the equivalent of at least one academic year as defined in the regulations of the University.
2. The student must have satisfied the department that he is proficient in such languages as it may under the rules of the Faculty prescribe.
3. The student must have satisfied the department that he is prepared to undertake researches under its direction.

The Dean will admit a candidate for the degree to final examination and appoint a committee to examine him upon the recommendation of the department in charge of his work. Departments will recommend candidates for examination upon the following conditions.

1. The candidate must have pursued graduate studies and research for at least two academic years, one of which must have been spent at this University. The years of graduate study prior to his matriculation may be accepted in part fulfilment of this condition.
2. The candidate must have satisfied such preliminary examinations or requirements as the department may demand.
3. The candidate must have prepared a dissertation approved by the department and embodying the results of his researches. This dissertation must be printed either prior or subsequent to the final examination, as the department may require.

Students are advised to consult the divisional announcements and the administrative officers of the departments, under which they are pursuing their studies, concerning the departmental requirements for admission to candidacy and for final examination.

Each student is given a registration book in which to keep the record of courses attended. At the beginning and end of each course the professor in charge certifies the student's attendance by his signature. Before presenting himself for matriculation or final examination, the student shall submit his registration book to the Dean in order that the Dean may satisfy himself that the residence requirements have been fulfilled.

Applications for the final oral examination for the degree of Doctor of Philosophy must be filed with the Dean at least two months before one of the three dates at which diplomas are issued (*viz.*, October, February, and June), in order to secure examination before that date.

Each candidate for the degree of Doctor of Philosophy shall present a dissertation embodying the results of original investigation and research on some topic previously approved by the professor in charge of the major subject. When such dissertation has been approved, it shall be printed by the candidate, and 100 copies shall be delivered to the Librarian of the University before the degree is conferred. For reasons of weight and on the recommendation of the department concerned, the Dean may suspend this requirement if the dissertation has been accepted by a reputable scientific journal and publication within a period of two years has been assured. The Dean may, when he deems it necessary, demand a financial guaranty of eventual publication. On the title-page of every such dissertation shall be printed the words, "Submitted in partial fulfilment of the requirements for the degree of Doctor of Philosophy, in the Faculty of —, Columbia University;" the full name of the author; the full title of

the dissertation; the year and place of imprint, and, if a reprint, the title, volume, and pagination of the publication from which it was reprinted. There shall be printed and appended to each dissertation, in the form of a Vita, a statement of the place and date of birth of the author, of the educational institutions that he has attended, and a list of the degrees and honors conferred upon him, as well as the titles of his previous publications.

Under the Faculty of Political Science, the dissertation is required to be printed before the final examination is held.

Under the Faculties of Philosophy and Pure Science, the dissertation is not required to be printed until after the examination of the candidate. Students should, however, at least three weeks prior to their examination deposit three typewritten copies of the dissertation in the Dean's office for the inspection of the examiners.

The general examination for the degree of Doctor of Philosophy will not be confined to the courses which the candidate has attended in Columbia University or elsewhere, or even to the field covered by such courses. The candidate is expected to show a satisfactory grasp of his subject as a whole and a general acquaintance with the broader field of knowledge of which this subject forms a part.

### REGULATIONS FOR THE DEGREE OF MASTER OF ARTS

A student regularly admitted to the University under the Faculties of Political Science, Philosophy, and Pure Science and accepted as a candidate for the degree of Master of Arts will be recommended for the degree after the following requirements have been satisfied:

1. The candidate shall have registered for and attended courses aggregating not less than thirty tuition points,<sup>1</sup> distributed over a period of not less than one academic year or its equivalent.

2. The candidate shall have satisfied the department of his choice that he has completed all the requirements specified by the department for the degree. These requirements may include the completion of courses and the assigned work in them, examinations, an essay, seminars, or other work prescribed by the department.

Students are advised to consult the divisional announcements and the administrative officers of the departments, under which they are pursuing their studies, concerning the departmental requirements for the degree.

Candidates for the degree of Master of Arts in the Department of Education are under the jurisdiction of the Faculty of Education at Teachers College. (See the current *Announcement* of that Faculty.)

A candidate for the degree of Master of Arts in satisfying the requirement of residence may not offer in excess of fifteen tuition points courses which he also offers for a professional degree or for a certificate given in lieu thereof in any professional school belonging to the University or affiliated with it.

Each candidate for the degree of Master of Arts must file a formal application for the degree on a blank provided for the purpose, to be had of the Registrar. If the degree is to be conferred in February, the application must be filed with the Registrar on or before December 1; if in June, on or before March 1; if in October, on or before August 1. The last named date applies to candidates who shall complete the requirements of residence and attendance in the Summer Session then in progress. Diplomas

<sup>1</sup> Students accepted as candidates for the degree prior to July 1, 1917, will be expected to complete a minimum residence requirement (exclusive of the essay or its equivalent) of twenty-eight tuition points instead of thirty. Courses completed by them prior to July 1, 1917, will be accepted at the rating of two points for a half course, four points for a full course, and eight points for a double course. Courses selected after that date will have the point rating assigned to them in the announcements.

are issued on the last Wednesday in February, on Commencement day, and on the last Wednesday in October, corresponding, respectively, to the foregoing dates of application.

When an essay is required, it shall be submitted to the appropriate department at such time as the department may designate. If the essay is accepted, two typewritten or legibly written copies, together with a certificate of acceptance by the professor in charge, shall be deposited with the Registrar at least two weeks before the candidate expects to receive his degree. These copies must be written on 'Paragon Linen', 11 x 8½ inches in size, 20-pound weight, 4½ wove, a space of 1½ inches on the inner margin being left free from writing. The title-page shall contain the words: "Submitted in partial fulfilment of the requirements for the degree of Master of Arts in the Faculty of —, Columbia University."

An undergraduate who, at the beginning of any Session, is within twelve points of a bachelor's degree may be permitted, with the approval of the appropriate Deans, to register for graduate courses not in excess of four tuition points with a view to offering them in part fulfilment of the requirement for residence for a second degree; if within eight points, courses not in excess of eight tuition points; if within four, not in excess of twelve. If such student afterwards matriculates as a candidate for the degree of Master of Arts, the graduate courses previously taken by him under this provision will be accepted in part fulfilment of the residence requirement for the degree.

On final certification by the Dean of the appropriate Faculty that all official regulations have been complied with, a candidate shall be recommended to receive the degree of Master of Arts for the satisfactory completion within a period of five years of an approved curriculum.

#### MASTER OF LAWS

Any student who has been graduated from an approved college or scientific school of collegiate rank, or who has successfully completed three years of undergraduate study in an approved college or scientific school, such course of study including satisfactory courses in Economics and in English and American History, and who has also successfully completed three years of study in an approved law school, and who shall thereafter during one year of residence at Columbia University satisfactorily complete a course of study approved by the Dean of the Faculty of Law shall be entitled to be recommended for the degree of Master of Laws.

#### THE DEGREE OF MASTER OF SCIENCE

The degree of Master of Science is awarded as a graduate professional degree under the Faculty of Applied Science, the Faculty of Practical Arts, the School of Architecture, and the School of Business. For information with regard to candidacy for this degree, application should be made to the Dean or Director of the Faculty or School concerned.

# SCHOOL OF ARCHITECTURE

ADMINISTRATIVE BOARD (See page 10)

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DELEGATES TO THE UNIVERSITY COUNCIL (See page 6)

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The School of Architecture of Columbia University is a professional school for men and women designed to train its graduates for the active practice of architecture. Founded in 1881, under the direction of Professor William R. Ware, as a department of the School of Mines (now the Faculty of Applied Science), it was in 1902 made an independent School.

It receives two classes of students: (1) Candidates for the degree of Bachelor of Architecture, who must give evidence of having completed two years of academic study in a recognized college. The curriculum offered to such students is of indeterminate duration but may generally be covered in four years. (2) Candidates for the degree of Master of Science in Architecture. Candidates for this degree must be graduates of this School of Architecture or of a school of architecture maintaining equivalent courses, and are required to spend not less than one academic year upon work assigned by the Administrative Board of the School of Architecture.

*Building and Equipment.* In 1912 the School of Architecture took possession of its present quarters in Avery Hall, erected in memory of the late Samuel P. Avery, a benefactor of the University, and of his son, the late Henry O. Avery, an architect, to accommodate the Avery Architectural Library and the School of Architecture. Three floors of the building are occupied by the School.

The Avery Architectural Library, consisting of about 25,000 volumes relating to architecture and the allied arts in the country, occupies the ground floor of the building, and is open to the public daily (except Sundays and holidays, and during a period of six weeks following the Summer Session), from 9 a. m. to 6 p. m. and from 7 p. m. to 10 p. m. Its material is available at all times for the purposes of study and illustration in the School, whose students are freely admitted to its alcoves, without restriction, upon the use of documents for drawing, tracing, and photographing. Frequent art exhibitions in this Library enhance its value both for instruction and for inspiration.

In addition to this the School possesses, in its own departmental library, a collection of about 18,000 photographs and several hundred books, a classified library of many thousands of prints and plates, and a large number of original drawings from various sources. The equipment of illustrative material furthermore comprises 16,000 lantern slides of architectural subjects, a fine collection of casts of architectural details, including a large number from ancient and modern Roman buildings, the gift of the late Charles F. McKim, and several valuable models of buildings and of structural details. A smaller working library of books of constant reference, plates, and periodicals, is maintained in conjunction with the drafting-rooms on the upper floors.

Periodic exhibitions of both student and graduate work are held by the School of Architecture. The current work of students in residence, illustrating progressive accomplishments during four years, is hung in the exhibition room and corridors of Avery Hall.

Important collections of sculpture, painting, engraving, and the minor arts are shown in the Avery Architectural Library, and in addition there are frequent biblio-



graphic and educational exhibitions in the University Library and at Teachers College.

The Willard collection of architectural casts and models in the Metropolitan Museum of Art is open every day and two evenings in the week, and is very useful for illustrating the historic styles and sketching cards granting certain additional privileges in the Museum are issued to students.

The other collections of the Metropolitan Museum of Art and those of the American Museum of Natural History furnish much admirable illustrative material; while the building activity of the city forms a chronicle of architectural progress in design and construction, governmental, domestic, monumental, ecclesiastic, and commercial.

*Admission.* Except by special action of the Committee on Admissions, regular students under eighteen are not admitted. For regulations governing admission for the course for the Bachelor's degree in Architecture (see Table of Contents) and for regulations for the degree of Master of Science in Architecture (see Table of Contents).

In general, all courses in the School of Architecture begin in September and run through the year, although the two terms are separately marked. It is, therefore, extremely difficult to make adequate arrangements for students who wish to enter in February.

Students desiring to enter with credit for courses pursued in other institutions must make application in writing to the Curator of the School of Architecture in time to reach him one month before the beginning of registration (see Academic Calendar). The general regulations as to documents to be submitted and as to the acceptance of certificates are the same as for the Schools of Mines, Engineering, and Chemistry (see page 191).

#### FEES (See page 64)

#### FELLOWSHIPS AND SCHOLARSHIPS (See page 298)

*Examinations.* Regular examinations in each course are held at the end of each half-year. All other examinations, except examinations for admission to advanced standing, are special examinations, for which the statutory fee of \$5 is charged (see page 63). For the dates of the various examinations see the Academic Calendar. Absence from any regular or delinquent examination for which a student is registered is regarded as a failure. A student who fails to attend any mid-year examination will be excluded from the second term in that subject, except for reasons of weight. Those for whom exceptions are made will be required to take the corresponding deficiency examinations during the stated September deficiency examination period.

Students who do not pass or are debarred from a regular mid-year or final examination must remove such deficiency at the September delinquent examinations, failing which they must repeat the course concerned. Students will be debarred from examinations for excessive absence from lectures or failure to complete collateral work. They may for the same reasons be excluded from any course at the middle of any term.

*Bachelor of Architecture.* Candidates for admission to this course must give evidence of having successfully completed the equivalent of two years of academic studies in a recognized college. Mathematical studies pursued in anticipation of those prescribed in the School of Architecture may be included in such collegiate preparation, and students are advised to carry these studies if possible through the Calculus. The required collegiate preparation must include the equivalent of the elementary French used for admission to Columbia College. Candidates must also show a practical knowledge of freehand drawing.

In case of studies pursued elsewhere than in a recognized college, and offered by the candidate as an equivalent for any part of the college preparation, the Administrative Board of the School will determine each equivalent upon its merits.

Through the cooperation of the Staff of the School of Architecture and the Committee on Instruction of Columbia College, a program for a combined course of six years has been arranged. Its object is to enable students in Columbia College to begin the study of architecture early in their college course and to obtain unbroken training in this field until they receive the professional degree. Upon completing the fourth year of this curriculum students receive the degree of Bachelor of Arts and at the end of the whole course, the degree of Bachelor of Architecture. The combined course has decided advantages in soundness of preparation and breadth of culture and it is earnestly commended to young men in preparatory schools who look forward to the study of architecture. Copies of this program may be obtained on application to the Curator of the School or to the Dean of Columbia College.

*Program of Studies.* A student receives his degree when he has passed the courses scheduled below.

Not more than 16 points, exclusive of Elements of Architecture or Design, may be taken in any term, except by authority of the Committee on Instruction of the School.

In connection with this schedule of required work it should be understood that students credited with advanced standing on the basis of work done in other institutions, as well as others especially qualified, may in any year undertake in part the work of more advanced years subject to the restriction stated above.

#### SCHEDULE OF PRESCRIBED COURSES

Elements of Architecture (A 1) . . . . .	6 points
Applied Elements (A 2) . . . . .	8 points
Shades and Shadows (A 5) . . . . .	4 points
Descriptive Geometry (A 6) . . . . .	4 points
Perspective (A 7) . . . . .	3 points
Stereotomy (A 8) . . . . .	2 points
Mechanical Equipment of Buildings (A 11) . . . . .	3 points
Specifications (A 12) . . . . .	3 points
Building Materials and Construction (A 15, 16) . . . . .	6 points
Architectural Engineering (A 17, 18) . . . . .	6 points
History of Architecture (A 21, 22, 23, 24, 25, 26) . . . . .	12 points
Historic Research (A 27, 28) . . . . .	4 points
History of Ornament (A 31, 32, 33, 34, 35, 36) . . . . .	12 points
Decorative Arts (A 41) . . . . .	3 points
Principles of Planning (A 51) . . . . .	2 points
Principles of Composition (A 52) . . . . .	2 points
Design, Elementary, Intermediate, Advanced, and Thesis (A 61-62, 63-64, 65-66, 67-68) . . . . .	64 points
Drawing and Modeling (A 71, 72, 73, 74, 75, 76, 77, 78, 80) . . . . .	18 points
History of Painting (A 91) or History of Sculpture (A 93) . . . . .	3 points
Summer Work (A 72a or 74a or 76a) . . . . .	2 points
Mathematics (Math. 1, 8, 9) . . . . .	9 points
Mechanics (Mech. 10) . . . . .	3 points

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179 points

Certain additional courses under the Faculties of Applied and of Pure Science may also be elected by qualified students.

Students in the School of Architecture who desire to be candidates for the degree of Master of Arts or Doctor of Philosophy are subject to the general provisions for those degrees (see Table of Contents).

The degree of Master of Science is awarded as a graduate professional degree in the School of Architecture. For information with regard to candidacy for this degree application should be made to the Acting Director of the School.

Graduates of this school and of other schools of architecture maintaining equivalent courses are admitted to the graduate courses in Design and Construction, whether candidates for the higher degrees or not.

The courses in architecture open to candidates for the higher degrees are those numbered above 100 (under the departmental statements of Architecture).

## SCHEDULE OF ATTENDANCE

	<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>
9	Math. 1 (214 Hm.) Math. 8 (408) Math. 9 (407) Mech. 10 (403, 407)	Med. Arch. A. 23, 24 (408) Drawing A. 71 (504) Drawing A. 72 (504) Drawing A. 76 (502)	Math. 1 (214 Hm.) Math. 8 (408) Math. 9 (407) Mech. 10 (403, 407)	Med. Arch. A. 23, 24 (408) Drawing A. 71 (504) Drawing A. 72 (504) Drawing A. 76 (502)	Math. 1 (214 Hm.) Math. 8 (408) Math. 9 (407) Mech. 10 (403, 407)
10	Mod. Arch. A. 25, 26 (408)	Mech. Equip. of Bldgs. A. 11 (403) Specifications A. 12 (403) Drawing A. 71 (504) Drawing A. 72 (504) Drawing A. 76 (502)	Med. Orn. A. 33, 34 (408)	Mech. Equip. of Bldgs. A. 11 (403) Specifications A. 12 (403) Drawing A. 71 (504) Drawing A. 72 (504) Drawing A. 76 (502)	Mod. Arch. A. 25, 26 (408)
11	Shades and Shadows A. 5 (408) Desc. Geom. A. 6 (408) Arch. Eng. A. 17, 18 (407)	Persp. A. 7 (407) Bldg. Mat. A. 15, 16 (403) Anc. Hist. A. 21, 22 (408)	Shades and Shadows A. 5 (408) Desc. Geom. A. 6 (408) Prin. of Plan. and Comp. A. 52 (407)	Persp. A. 7 (407) Bldg. Mat. A. 15, 16 (403) Anc. Hist. A. 21, 22 (408)	Shades and Shadows A. 5 (408) Desc. Geom. A. 6 (408) Arch. Eng. A. 17, 18 (407)
1	Mod. Orn. A. 35, 36 (408) Drawing A. 73 (502) Drawing A. 74 (504)	Stereotomy A. 8 (408) Drawing A. 77, 78 (701)		Drawing A. 77, 78 (701)	Anc. Orn. A. 31, 32 (408) Drawing A. 73 (502) Drawing A. 74 (504)
2	Drawing A. 73 (502) Drawing A. 74 (504) Modeling A. 80 (202)	Elements A. 1 (408) Drawing A. 77, 78 (701)		Drawing A. 75 (504)	Drawing A. 73 (504) Drawing A. 74 (504) Modeling A. 80 (202)
3	Modeling A. 80 (202)	Drawing A. 75 (502)		Drawing A. 75 (502)	Modeling A. 80 (202)
4		Drawing A. 75 (502)		Drawing A. 75 (502)	

All hours not otherwise assigned after 1:10 p. m. are devoted to Design (A 61-62, 63-64, 65-66), and to Elements of Architecture (A 1, 2). Courses indicated by odd and even numbers are assigned to Winter and Spring Sessions, respectively. Numbers in parentheses indicate rooms in Avery Hall. Hm. signifies Hamilton Hall. Students finding conflicts in their schedules should consult Curator BACU.

# SCHOOL OF JOURNALISM

ADVISORY BOARD (See page 11)

ADMINISTRATIVE BOARD (See page 9)

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Delegate to the University Council (See page 6)

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*Aims.* The aim of the School of Journalism is to train for and attract to the journalistic profession young men of character and ability, and to help those already engaged in the profession to acquire the highest moral and intellectual training. It is the object of the School to make better journalists, who will make better newspapers, which will better serve the public.

*Building.* The building for the use of the School of Journalism is on the southeast corner of Broadway and 116th Street; the external dimensions are 208 feet 8 inches by 55 feet 10 inches, with a height of five stories and basement. The entrance is on the south front, consisting of three doors grouped under a portico of massive columns, and opening into a spacious vestibule, in which are placed medallions of distinguished journalists, a bust of the late Joseph Pulitzer, and a memorial inscription. The vestibule gives access to the administrative offices and a large lecture hall on the main floor; the library and newspaper reading-room are on the next floor; on the upper floors there are laboratories, typewriter rooms, smaller lecture-rooms, class-rooms, and studies, numbering about thirty in all, and affording a total seating capacity of about 2,200.

*Admission.* Candidates for admission to the first year must be at least seventeen years of age at entrance, and correspondingly older for advanced standing. A certificate of good moral character must be presented and, in the case of students from other colleges, of honorable dismissal.

For detailed statement of the requirements, both prescribed and elective, and a description of the ground covered by the examinations, see page 195.

*Advanced Standing.* Candidates for admission to advanced standing, upon the basis of certificates of transfer from other colleges, should fill out the appropriate application blank, to be obtained from the Secretary of the University, and file it with the Director of University Admissions before September 1.

*Non-matriculants.* Non-matriculated students may be admitted to the School at the discretion of the Director, if they submit evidence of maturity, experience in professional writing or marked fitness for it. If they take the work prescribed for the degree of Bachelor of Literature for two years and maintain an average grade of B, they may be admitted to advanced standing in candidacy for the degree. Such students are expected to conform to the same standards of attendance and scholarship as are required of matriculated students. Applications should be made before September 1 to the Director of University Admissions on blanks to be obtained from the Secretary of the University.

*Language Test.* The ability of students to read a French or German newspaper will be tested on their entrance to professional studies at the beginning of the second year. All students, whether admitted on advanced standing or not, must satisfy this requirement before admission to the B.Lit. degree. In special cases, Spanish or Italian may be substituted with the consent of the Director.

## REGISTRATION (See page 63)

## FEES (See page 64)

## SCHOLARSHIPS AND PRIZES (See page 298)

*Program of Study.* The program of study for the degree of Bachelor of Literature in Journalism consists of 136 points, each point signifying the satisfactory completion of work requiring attendance one hour a week for one half-year. For significance of course numbers see page 72.

Candidates for the degree who wish to specialize in some branch of journalism or to continue particular subjects will be allowed to substitute courses of equivalent credit for any of those given below on submission to the Director of an approved program before May 1. In preparing such a program they will have the assistance and advice of the members of the staff of the School.

Subject to the foregoing regulations, the satisfactory completion of the following courses, together with the language test above mentioned, is required for the B.Lit. degree.

## FIRST YEAR

English <i>J</i> A (Freshman composition) . . . . .	6 points
French <i>J</i> 1- <i>J</i> 2 or German <i>J</i> 1- <i>J</i> 2 (newspaper reading course) . . . . .	6 points
Journalism 1-2, History and principles of natural science . . . . .	6 points
History <i>A</i> (general survey) . . . . .	6 points
Politics 1-2 (introductory course) . . . . .	6 points
Philosophy <i>J</i> (introductory course), or a language, or a science . . . . .	6 points

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18 hours a week 36 points

(In addition to the above, the work in physical education prescribed for College freshmen is required.)

## SECOND YEAR

Journalism <i>A</i> (a practice course in writing) . . . . .	6 points
Economics 1-2 (introductory course) . . . . .	6 points
English <i>j</i> B1- <i>j</i> B2 (survey of English literature) . . . . .	6 points
French <i>J</i> 3- <i>J</i> 4 or German <i>J</i> 3- <i>J</i> 4 . . . . .	6 points
Journalism 31-32, Newspaper technic (news-gathering and preparation of copy) . . . . .	6 points
History 17-18 (recent American history) . . . . .	6 points

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18 hours a week 36 points

## THIRD YEAR

Journalism <i>B</i> (continuation of Journalism <i>A</i> ) . . . . .	6 points
History 21-22 (recent European history) . . . . .	6 points
Journalism 33 (statistics) . . . . .	3 points
Journalism 34 (the modern world) or <sup>1</sup> History 56 (the industrial revolution) . . . . .	3 points
English <i>J</i> 35 (Shakespeare) . . . . .	2 points
English <i>J</i> 36 (the Bible) . . . . .	2 points
Journalism 37-38 (Stocks and Finance) . . . . .	6 points
<sup>1</sup> Politics 55-56 (party government in the United States) . . . . .	4 points

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16 hours a week 32 points

<sup>1</sup> May be taken for graduate credit.

## FOURTH YEAR

Journalism 41-42, Newspaper technic (special reporting and interviewing)	6 points
Journalism 43-44, Newspaper technic (editing and re-writing) . . . . .	6 points
<sup>1</sup> Journalism 131-132, Modern European literature . . . . .	6 points
Journalism 141-142, History of journalism . . . . .	6 points
<sup>1</sup> Journalism 143-144, Elements of law (with special reference to the law of libel) . . . . .	4 points
<sup>1</sup> Journalism 145-146 (international relations) . . . . .	4 points

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16 hours a week 32 points

*A.B. or B.S. Combined with B.Lit.* Students who can afford the time are strongly recommended to take the five-year course (A.B. or B.S. combined with B.Lit.). The degree of A.B. or B.S. may be obtained under this arrangement after completing four years' work and the degree of B.Lit. after five.

*Five-Year Course.* Beginning in 1918-1919 the course in Journalism will be extended from four years to five. The more purely professional training will be concentrated in the last three years; the fundamental training in English, History, Economics, Foreign Language, Natural Science, and the like will be extended and will occupy the whole of the first two years.

*Stenography and Typewriting.* Courses in stenography and typewriting are provided in Extension Teaching and students are advised to acquire both as soon as they can. All professional exercises must be submitted in typewritten form after the first half-year of the School course.

*Admission of Women.* The first two years of the curriculum are offered for duly qualified women students at Barnard College; the professional courses of the third and fourth years will be given in the School building and will be open to women on the same conditions as to men.

<sup>1</sup> May be taken for graduate credit.

# THE SCHOOL OF BUSINESS

## ADMINISTRATIVE BOARD (See page 10)

*General Statement.* The School of Business offers a complete professional course in business to properly qualified students, both men and women. The aim of the course is to afford a sound knowledge of fundamental business facts and principles in addition to such practical training in business methods as a school furnishes. The courses are designed especially for the college student who at the close of his sophomore year may desire to secure a more thorough and exact knowledge of the principles, organization, and methods of the commercial, industrial, and financial world than is furnished in other departments of the University and for those persons already engaged in business who desire to obtain deeper insight into the problems of their respective vocations as well as broader knowledge of allied fields of business activity. One of the objects, also, is to prepare students directly for the state examinations for the certificate of certified public accountant.

*Curriculum.* The curriculum will consist of a two-years' series of courses based upon two years of college study leading to the bachelor's degree with an additional year leading to the master's degree.

*Students.* The following classes of students will be provided for: (1) graduate students, candidates for the higher degrees; (2) students who have spent two years in Columbia College or Barnard College or in some other college of equivalent rank and are candidates for the degree of Bachelor of Science; (3) graduates of high school who have completed in the Department of Extension Teaching work equivalent to that offered at Columbia College or Barnard College in the first two years; (4) students who have completed two full years of satisfactory collegiate work in an acceptable college and students over twenty-one years of age actively engaged in business and qualified to undertake certain courses, who may be admitted as special students but not as candidates for a degree. (5) Students who have had a full secondary education or its equivalent. These may enter the evening courses in business offered by the Department of Extension Teaching and become candidates for a certificate, obtainable in two years through the completion of courses representing 48 points of work.

*Admission.* 1. *To the four-year course:* Students should enter Columbia College or Barnard College, taking entrance examinations.

2. *To the two- or three-year course of the School of Business:* Two years of Columbia or Barnard College or an equivalent course in some other institution of similar standing. During this period the student must take at least two years of work in an acceptable college, including two years of English, two years of French or German or Spanish or their equivalent and at least one year each of history, economics, commercial geography, and mathematics. For reasons of weight and on the approval of the Director, students will be allowed to make good during their first year in the School of Business certain courses usually required in the preliminary years. Students who lack more than two of the subjects required for admission to the School of Business will not be admitted, nor can students registered in other schools of the University be allowed to take more than two of the professional courses in the School of Business.

3. *Special students.* Students who have completed two full years of satisfactory collegiate work in an acceptable college may be admitted to certain courses of study.



4. *Non-matriculated students.* Students who are over twenty-one years of age and who are actively engaged in business may be admitted to special courses of study, but such courses may not ordinarily be counted toward the degree of Bachelor of Science in Business.

## PROGRAM OF STUDIES

### BUSINESS

*First Year.* The first year of the School of Business corresponds to the third year of the college course and is, therefore, open to students who have covered two years of collegiate subjects.

The following courses are required of candidates for the degree of Bachelor of Science in Business and must be taken in the first year:

- Accounting
- Advanced economics or history of American commerce
- Business organization and administration
- Money and banking or corporation finance
- French or German or Spanish

aggregating not less than 26 points, and electives to make a total of not more than 36 points.

*Second Year.* Students of the second year of the School of Business are permitted to elect their entire program, subject to the approval of the Director. They should have gained a satisfactory working knowledge of accounting before completing the second year of the School. This will ordinarily require two years of attendance upon Business 23-24 and Business 25-26. Those who wish a general course in business may make a selection which stresses no particular branch. On the other hand, those who desire to specialize in some part of the field are afforded an opportunity to do so.

*Third Year or Graduate.* In connection with the work of the third or graduate year advantage will be taken of the peculiar opportunities due to the location of the School in the City of New York. Every effort will be made to bring properly qualified students into close contact with modern business problems and with best business practice as developed in the large enterprises located in the city. Only the courses numbered above 100 may be taken for credit toward the Master's degree.

*Secretarial Studies.* Students in Secretarial Studies are required in the two years of the School of Business to take courses in business administration, business law, secretarial bookkeeping, secretarial correspondence, and typography, aggregating not less than 22 points, and electives from the School of Business to make not less than 30 points. In addition they must satisfy the Administrative Board that they have a mastery of stenography and typewriting, for which a maximum of 8 points academic credit will be allowed, making a total of 60 points.

*Certificate in Secretarial Studies for College Graduates.* College graduates who have been accepted as candidates for a certificate are required to take, during the year, the following courses:

- Stenography *eI-2*
- Typewriting *eI-2*
- Secretarial Bookkeeping *eI-2*
- Typography *eI*
- Some modern language, usually Spanish
- Electives from courses in the School of Business, amounting to 8 points.

*Degrees.* Students who complete the undergraduate work of the School of Business are eligible for the degree of Bachelor of Science in Business. Those who complete the

work of the third or graduate year are eligible for the degree of Master of Science in Business; the program of study to be pursued in satisfaction of the requirements for the degrees is as follows:

*Bachelor of Science.* The work required for this degree consists of two years of college courses and a program of 60 points in the School of Business, each point representing the satisfactory completion of work requiring one hour a week for the Winter and Spring Session. This requirement in the School of Business must be satisfied by two years' residence, and is met for the first year by the prescribed program indicated above, and electives to make a total of not more than 34 points. The second year is entirely elective.

No candidate for the degree may take less than twelve nor more than nineteen hours per week in either the Winter or the Spring Session. Students registered in the School of Business may, on the approval of the Administrative Board, receive credit for courses successfully completed in the Summer Session or in Extension Teaching.

*Master of Science.* To satisfy the requirements for candidacy for this degree a student must have completed a preliminary education covering four years of study, two of which shall have been in collegiate subjects and two in the School of Business or the equivalent. To obtain the degree of Master of Science the candidate must register for and attend courses aggregating not less than 30 tuition points, distributed over a period of not less than one academic year or its equivalent. The candidate must satisfy the Administrative Board that he has completed all the requirements specified by it for the degree. These requirements may include the completion of courses and the assigned work in them, examinations, an essay, seminars, or other work prescribed by the department. The purpose of this graduate course is to enable the student to pursue his professional study beyond the two years required for the bachelor's degree; to secure an opportunity to elect courses under the Faculty of Political Science; and to carry on special work in research in applied economics. Courses offered by the Faculties of Law, Political Science, and Engineering are open to the candidates for the degree under restrictions determined by those Faculties and by the Administrative Board of the School of Business.

*Candidacy for Degrees.* Students intending to apply for degrees must, on or before the dates indicated in the academic calendar pay the required fee and file with the Registrar the application for graduation.

Application for the bachelor's degree to be conferred in June, 1918, must be made on or before April 15, and for the master's degree before March 1.

*Advanced Standing.* Candidates for admission to advanced standing, upon the basis of certificates of transfer from other colleges, should fill out the appropriate application blank, to be obtained from the Secretary of the University, and file it with the University Committee on Admissions before September 1 or January 1. Each candidate (whether he has a degree or not) must also present an official transcript of his academic record and a certificate of honorable dismissal together with a marked catalogue of the institution that he leaves, showing the courses he has there pursued, with grades received in each.

*Special Lectures.* From time to time special lectures will be given before the students of the School of Business by men prominent in the various fields of business. Detailed information in regard to these lectures will be announced later.

# SCHOOL OF DENTISTRY

## ADMINISTRATIVE BOARD (See page 10)

*General Statement.* In September, 1916, students in dentistry were admitted to courses in Columbia University at the College of Physicians and Surgeons. On March 5, 1917, the Trustees of Columbia University established a School of Dentistry as of September 27, 1916, so that the conduct of courses from that date, as forming part of the work of the School, might be officially recognized.

The generous gift to the University of \$125,000 by Mr. James N. Jarvie—the first contribution to an endowment fund which a committee of dentists and physicians is seeking to obtain in support of the new School—justified the University in inaugurating the work of the School of Dentistry in the buildings of the College of Physicians and Surgeons.

*Outline of Course.* The courses in the School of Dentistry are based upon the same preliminary requirements as the study of medicine in Columbia University. The first two years are given in the classrooms of the College of Physicians and Surgeons and the course of study is identical so far as concerns laboratory work in anatomy, biochemistry, bacteriology, medicine, pathology, pharmacology, physiology, and surgery. The work in the second year now devoted to obstetrics, which is a special study, has been replaced by a course in elementary dental technics. After these two years, the dental students will devote themselves to their special science. A dental clinic has been in operation for five years in the Vanderbilt Clinic, which has been enlarged and developed as a part of the new School. The entire course, therefore, requires five years in all, two of which are given mainly to medicine, although certain courses in dentistry are included, namely, operative dentistry and prosthodontia. The last three years are confined entirely to subjects in dentistry.

*Admission.* The entrance requirements for the academic year of 1917-1918 are the satisfactory completion of not less than two full years of study, or the equivalent, in an approved college or scientific school, and college courses must have included at least one year's instruction in physics, inorganic chemistry, biology (botany and zoology), and French or German.

*Application.* It is desirable that candidates make application in the spring in order that any deficiencies may be made up, if possible, by attendance at the Summer Session. This is particularly desirable for candidates who have a sufficient time credit of two years' college work but who lack some part of the necessary courses in chemistry, physics, or biology.

A blank form for filing college credits will be furnished by the Registrar upon application, which must be filled out, signed and sealed by the authorities of the college at which the applicant has taken his preliminary education. All applications should be accompanied by the sum of twenty-five cents, to defray the cost of the dental student's certificate, which is required by the laws of the state.

*Requirements in the Sciences.* Students who take their preliminary education in other colleges than Columbia must also elect as part of their course, physics, inorganic chemistry, and general biology.

The courses in physics, chemistry, and biology which are required for admission are represented by the following courses in Columbia College:

*Elementary physics*, including laboratory work, *Physics A1-A2*. At least three lectures and two hours' laboratory work a week for one year.

*General inorganic chemistry*, including laboratory work, *Chemistry 3c-4c* or *6c-7c*. At least two lectures and six hours' laboratory work a week for one year.

*Biology*, including laboratory work, *Zoology 1-2*. At least two lectures and four hours' laboratory work a week for one year.

*Changes in Requirements for Admission, Beginning with the Opening of the Winter Session in September, 1918.* The minimum requirements for admission to the first year will comprise two years of college work aggregating 72 points, as rated at present in Columbia College. This work must include one year of physics, one year of inorganic chemistry based on college entrance chemistry, one-half year of qualitative chemical analysis, one-half year of organic chemistry, one year of biology, two years of college English, and the equivalent in either French or German of courses A and B as prescribed by Columbia College. The preparation in physics, chemistry, and biology, which will be required for admission, is represented by the following courses in Columbia College:

*Admission to Advanced Standing.* In addition to the dental student's certificate mentioned above, based on at least two years of college work completed before beginning the study of dentistry, candidates who have completed, without conditions, one or two years of study in an accepted dental school will be given credit in the School of Dentistry for all courses satisfactorily completed therein, on presentation of proper certificates covering the same. Application blanks will be furnished on request, and prospective students are requested to file their applications early in June, when possible, to avoid delay in matriculating at the beginning of the Session. *It is essential that students offering themselves for admission to advanced standing should have had before admission all the preliminary work presented in the curriculum of the School of Dentistry.*

Students will not be admitted to advanced standing upon examination, but only upon a satisfactory record from their schools of previous residence.

*Combined Course, Columbia University.* Combined course for the degrees of A.B., B.S., and D.D.S. The attention of students of dentistry who propose to enter the Columbia School of Dentistry is called to the program of studies in Columbia College, which offers an opportunity to the prospective dental student to take both a collegiate and a dental degree in seven or eight years. By permission of the Dean of Columbia College, the first year in the School of Dentistry may be elected by students in Columbia College who have maintained a satisfactory grade in their previous work in the College. Such students must have taken at least three years of residence in Columbia College and have secured at least 88 points (out of the 124 required for the A.B. degree) to avail themselves of the two-year professional option in the dental school. In order to take the eight-year 'combined course' and avail themselves of the one-year professional option, the students must take 94 points out of the 124 required in Columbia College before entering the School of Dentistry at the College of Physicians and Surgeons. The School of Dentistry requires that physics, inorganic chemistry, and biology must be included in the 88 or 94 points taken in Columbia College. This permits a student to obtain by excellence of work both the degree of Bachelor of Arts or of Science and that of Doctor of Dental Surgery in seven or eight years, according to whether he offers two years or one year of the dental curriculum for part of the scientific training entitling him to his bachelor's degree. Students desiring to effect this combination of courses should address the Secretary of Columbia University for more complete information.

*Combined Courses with Other Universities.* The University of Rochester, Colgate University, and Hobart and Ripon Colleges, will confer the bachelor's degree upon students who have elected and successfully completed the first year in the School of

Dentistry at the College of Physicians and Surgeons in lieu of the senior year in those colleges.

*Requirements for Graduation.* In addition to complying with the requirements for admission and to completing the required work of the curriculum, each candidate for the degree of D.D.S. must present satisfactory evidence, as required by law, of good moral character, and of having attained the age of twenty-one years. If the candidate shall have been admitted to advanced standing, he must have spent not less than four academic years (no two of which shall have begun during the same calendar year) in approved medical or dental colleges, in the study of the subjects making up the curriculum of the School of Dentistry.

*Oral Hygiene.* Under the Department of Extension Teaching, Columbia University conducts courses in oral hygiene at the Vanderbilt Clinic and at Morningside Heights. These courses are intended for women who desire to become licensed dental hygienists. The requirements for admission are the qualifying certificate obtained from the Department of Education of the State of New York at Albany, New York, the completion of at least one year of high school work, and the attainment of at least nineteen years of age.

*Advanced Courses in Dentistry.* Advanced courses in dentistry for practitioners are offered by the Department of Extension Teaching in the laboratory and infirmary at 35 West 39th Street. These courses cover the subjects of operative and prosthetic dentistry, plate prosthesis, periodontia, and dental ceramics, and vary in length from five to eleven weeks, according to the requirements of the subject.

*Graduate Instruction.* An increasing number of advanced courses is being opened to graduates in dentistry. These now include courses in bacteriology, biological chemistry, dermatology and syphilology, diseases of children, laryngology and otology, neurology, pathology, physiology, practice of dental medicine, oral surgery, therapeutics, and anesthesia. Those who wish such opportunities for study are referred to the departmental statements in the Announcement of the School of Medicine.

# BARNARD COLLEGE

## FACULTY

President BUTLER.  
Dean GILDERSLEEVE.  
Provost BREWSTER.

Professors BALDWIN, BRAUN, CHADDOCK, COLE, CRAMPTON, DUDLEY, GERIG, GIDDINGS, GREGORY (L. H.), HAZEN, HIRST, HOLLINGWORTH, HUBBARD, HUTTMAN, JACOBY, JONES, KASNER, KELLER, KNAPP, LOISEAUX, LORD, MCCREA, MALTBY, MONTAGUE, MOORE (H. L.), MULLER, MUZZEY, OGILVIE, PERRY, REIMER, RICHARDS, ROBINSON, SHOTWELL, THOMAS (C.), TRENT, VAN HOOK, WEEKS (R.), Miss DUDLEY and Miss WEEKS (M. F.).

For other officers who may give instruction to students of Barnard College, consult the several departmental statements.

DELEGATES TO THE UNIVERSITY COUNCIL (See page 6).

*General Statement.* In 1883 the Trustees of Columbia College offered degrees to women who should be able to pass the necessary examinations, without, however, providing instruction for them. The resulting system, called the Collegiate Course for Women, proved unsatisfactory to both parties. Barnard College was therefore organized in 1889 to provide instruction for women which should be identical with or equivalent to that provided by Columbia for men.

For eleven years it duplicated for women as far as possible the curriculum of Columbia College, and also registered for graduate work under the University Faculties women who held the bachelor's degree from institutions of good standing. Its instructors were members of the University staff. Examinations for entrance, those given in course, and those for degrees, were conducted by Columbia University. During the first three undergraduate years separate instruction was given to women; in the senior year they were admitted to certain courses in the University. Graduate students attended many courses at the University under the Faculties of Philosophy, Political Science, and Pure Science, the laboratory work in science being done at Barnard College.

The numerical growth of Barnard College made inappropriate, however, the informal arrangement for instruction which was the natural method at the outset, and it became necessary to recognize formally the status which had gradually come into existence. An agreement was accordingly entered into in January, 1900, by which Barnard was included in the University system. Barnard is now an independent college for women with a corporation and a faculty of its own vested with all the powers commonly belonging to such bodies. At the same time, it shares the library, the instruction, and the degrees of Columbia University.

A more exact idea of the relations between Barnard College and Columbia University and also of the relations between Barnard College and Teachers College is to be found in the current *Announcement of Barnard College*. This may be obtained without charge upon application to the Secretary of Barnard College.

## ADMISSION (See Table of Contents)

*Probation.* A candidate for admission who has not secured the prescribed 15 units may be admitted to the freshman class with conditions, if in the judgment of the Committee on Admissions she is qualified to undertake the work of the class. General

deficiency in any prescribed subject will disqualify for admission. Except for reasons of weight, a student who has failed to complete a course in a good high school or preparatory school will not be admitted with conditions.

A student admitted conditionally or by credentials from another college or from the State Education Department will be held under probation during the first winter or spring session of residence. For a detailed statement regarding the conditions of probation, see the current *Announcement of Barnard College*.

*Advanced Standing.* See the "Requirements for Admission to Advanced Standing in Columbia College."

In addition, the credits granted in any subject to a student admitted with advanced standing may be withdrawn or diminished in amount if, in pursuing such subject, after admission to Barnard College, the student proves that the granting of the credits was wholly or in part unwarranted by her previous work.

No student may receive a degree who has resided less than two full sessions (winter or spring) at Barnard College.

No applicant will be allowed to enter the senior class as a candidate for a degree after October 15 in any year.

*Special Students.* Candidates for admission as special students must make application in writing at least one week before the first day of the entrance examinations in September or in January. Proper blanks for this purpose may be obtained from the Secretary.

Special students in Barnard College are of two classes: matriculated and non-matriculated.

Matriculated special students are women who wish, without taking a degree, to make a serious study of some subject or group of subjects. They must pass the regular examinations for admission to the freshman class and have full credit for 15 units of the entrance requirements. They may, therefore, in event of a change of plan be credited with such of their courses as may coincide with the courses leading to a degree.

Non-matriculated special students must be women of mature age who wish to pursue chiefly advanced courses of special study. They may be admitted at the discretion of the Committee on Admissions without passing formal entrance examinations, but must furnish proof that they have at some time pursued the studies included in the matriculation examinations and must satisfy the requirements of the department that they desire to enter. Candidates desiring to pursue merely elementary courses, as in languages, etc., will not be admitted as non-matriculated special students. Ordinarily, no work done by a non-matriculated special student may count toward a degree.

Information regarding the regulations governing the election of studies, amount of work, attendance, examinations, etc., of special students is contained in the current *Announcement of Barnard College*.

*Matriculation, Registration, Fees.* Detailed information regarding matriculation, registration, and fees will be found in the current *Announcement of Barnard College*.

#### DORMITORY (See page 70).

*Program of Studies.* Upon completion of a curriculum arranged on one of the plans to be described below, the student is recommended by the Faculty of Barnard College for the degree of Bachelor of Arts or Bachelor of Science.

*Bachelor of Arts.* Unless the equivalents are offered for admission, the following courses are prescribed:

English A and B . . . . .	12 points
History A . . . . .	6 points
Latin A or Greek 5-6 . . . . .	6 points
Mathematics A . . . . .	6 points

Modern Languages (see below)	
Philosophy A <sup>1</sup> . . . . .	6 points
Physical Education A and B . . . . .	4 points
Economics A . . . . .	6 points
Chemistry 5-6 or Physics 1-2 . . . . .	6 points
Botany, Chemistry, Geology, Physics, Psychology (Experimental), or Zoölogy; two half-year courses in addition to Physics 1-2 or Chemistry 5-6, or any course in science that may have been offered for admission . . . . .	6 points
Major Subject . . . . .	18 points
Free electives to complete the total of . . . . .	124 points

No modern language course in college is prescribed for the degrees of Bachelor of Arts and Bachelor of Science. Before being registered as seniors, all students, except those who have offered the complete requirement in elementary Greek at entrance or who have taken Greek 1-2 and 3 in college, must satisfy the departments of Romance Languages and Germanic Languages that they have a working knowledge of French and German. In special cases, with the consent of the Committee on Instruction, Spanish or Italian may be substituted for French.

As a rule, the departmental test will take the form of an oral examination in translation at sight. It may be taken at any time during the college course and must be taken before May 1 of the junior year.

A student who offers the complete requirement in elementary Greek at entrance or who takes Greek 1-2 and 3 in college will be obliged to stand the test in only one of the modern languages.

Students whose preparation in a modern language is inadequate for this test should elect, under the advice of the department, special courses that are designed to prepare for this examination.

*Bachelor of Science.* Unless the equivalents are offered for admission, the following courses are prescribed:

English A and B . . . . .	12 points
History A . . . . .	6 points
Mathematics A . . . . .	6 points
Modern Languages (see above)	
Philosophy A <sup>2</sup> . . . . .	6 points
Physical Education A and B . . . . .	4 points
Grouped work in science amounting to at least . . . . .	70 points

which must include:

A major subject of at least 28 points in one of the following natural sciences: Astronomy, Botany, Chemistry, Geography, Geology, Mineralogy, Physics, Experimental Psychology, and Zoölogy, or in Mathematics; and

Two minors of at least 12 points each, one in a subject allied to the major and one in a diverse subject, both to be chosen from the foregoing list with the addition of Anthropology, which should, as a rule, be taken only in connection with Botany or Zoölogy as a major.

Free electives to complete the total of . . . . . 124 points

*Two Years' Course.* This general course, which does not lead to a Barnard degree, is designed to furnish the collegiate foundation for professional work in other schools

<sup>1</sup> Or, on recommendation of the department, Philosophy 61-62.

<sup>2</sup> Or, on recommendation of the department, Philosophy 61-62.



of the University. It comprises from 64 to 74 points of work. The courses prescribed depend upon whether the candidate intends to transfer to the School of Architecture, School of Practical Arts, the School of Business, or the School of Journalism. Full particulars will be found in the announcements of Barnard College and the professional schools concerned.

*University Courses.* Certain courses in the School of Architecture and the Department of Music and in Teachers College are open to regular students registered in Barnard College. Certain graduate courses in Columbia University under the Faculties of Political Science, Philosophy, Pure Science, and Education, and other courses in the Union Theological Seminary and the New York School of Philanthropy are open to specially qualified Barnard seniors.

After two years of collegiate work in Barnard a student may transfer without examination to the School of Architecture as a candidate for the degree of Bachelor of Architecture, to Teachers College as a candidate for the degree of Bachelor of Science in Practical Arts, to the School of Business as a candidate for the degree of Bachelor of Science, or to the School of Journalism as a candidate for the degree of Bachelor of Literature.

Detailed information in regard to these opportunities will be found in the announcements of Barnard College and the other schools concerned.

# TEACHERS COLLEGE

## FACULTY OF EDUCATION

President BUTLER.

Dean RUSSELL.

Director MONROE.

Professors BAGLEY, BAGSTER-COLLINS, BAKER, BIGELOW, BONSER, BRIGGS, CALDWELL, COOLEY, DEAN, DEWEY, DOW, FARNSWORTH, HILL, JOHNSON, KELLEY, KILPATRICK, LODGE, MCFARLANE, MCMURRY, MÉRAS, PEARSON, PRETTYMAN, RUGER, SMITH (D. E.), SNEDDEN, STEVENS, STRAYER, THORNDIKE (E.L.), TRABUE, UPTON (Secretary), WOOD, WOODBRIDGE, WOODHULL.

## FACULTY OF PRACTICAL ARTS

President BUTLER.

Dean RUSSELL.

Director BIGELOW.

Professors ABBOTT (A.), ANDREWS, BALLARD, BEMENT, BONSER, BROADHURST, CARPENTER, COOLEY, CORNELL, DOW, FALES, FARNSWORTH, GAMBRILL, GIES, GOODRICH, GOODSELL, GUNTHER, LATHAM, LUCKE, MCFARLANE, NUTTING, ROSE SHERMAN (H. C.), SPOHR, STEWART, UPTON (Secretary), VAN ARSDALE, VULTÉ, WARNER, WEICK, WHITLEY, WINCHELL, WOOD.

DELEGATES TO THE UNIVERSITY COUNCIL (See page 6).

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*General Statement.* Teachers College, founded in 1888, and chartered by the regents of the University of the State of New York in 1889, became, in 1898, a part of the educational system of Columbia University. The President of Columbia University is President, *ex-officio*, of Teachers College and the College is represented in the University Council by its Dean and representatives elected from its two Faculties. The College, meanwhile, maintains its separate corporate organization, and its Board of Trustees continues to assume entire financial responsibility for its maintenance. In 1912 the Trustees reorganized the faculty of Teachers College, establishing a Faculty of Education and a Faculty of Practical Arts. By this reorganization, Teachers College now consists of two Schools, the School of Education and the School of Practical Arts.

The buildings of Teachers College occupy the block directly north of the University Campus, bounded by 120th and 121st Streets, Amsterdam Avenue, and Broadway.

The Main Building, containing equipment for administration and instruction, and the Bryson Library—the educational library of the University—is adjoined by the Milbank Memorial Building, housing a number of academic and technical departments and containing the Memorial Chapel; by the Macy Manual Arts Building, with its equipment for work in Fine Arts and Industrial Arts; and by the Household Arts Building. The Frederick Ferris Thompson Memorial Building, for the department of physical education, connects the Milbank Building on the west with the main building of the Horace Mann School. To the east of this group of buildings is Whittier Hall,

the residence for the women students of the College. The new buildings of the Horace Mann School for Boys, a country day school, are located near Van Cortlandt Park. The Speyer School is situated a short distance north of the College, on Lawrence Street, near Amsterdam Avenue. The Lincoln School, the new experimental school of Teachers College, which was opened in 1917, occupies a building at 646 Park Avenue, between 66th and 67th Streets.

*School of Education.* The School of Education affords opportunity for the advanced study of educational psychology and sociology, the history and philosophy of education, educational administration, and the various aspects of secondary, elementary, and kindergarten education. It also provides professional training, both theoretical and practical, for teachers of both sexes for secondary, grammar and primary schools, and kindergartens; and offers preparation for advanced students for work as principals, supervisors, and superintendents of schools; as heads of academic or educational departments in normal and teachers' training schools, and of educational departments in colleges and universities. The School of Education is thus a professional school of Columbia University for the study of education and the training of teachers, taking academic rank with the Schools of Law, Medicine, Mines, Engineering, and Chemistry.

*Curricula.* Since July 1, 1914, the School of Education has been organized on a graduate basis offering only graduate curricula for advanced students leading to the Teachers College diplomas in teaching, and to the degrees of Master of Arts and Doctor of Philosophy with a major subject in education. Such curricula provide work in educational psychology, the history and the philosophy of education, educational sociology, educational administration, secondary education, elementary and kindergarten education, and in research in the methods of teaching the various academic subjects, supplemented by courses in other parts of the University. Teachers College diplomas are awarded to those who demonstrate professional fitness as instructors in education in colleges and universities, as supervisors, principals, and superintendents of schools of all grades, as heads of academic or education departments in normal and teachers' training schools, and as teachers in secondary schools. Courses in education may also be counted as minor subjects toward the advanced degrees, by students primarily registered in some other part of the University.

The Horace Mann Schools, maintained by Teachers College, with a complete organization covering the work of the kindergarten, elementary school, and junior and senior high school, offer exceptional advantages for the study of the practical work of teaching and for the investigation of educational problems. These schools now have an attendance of over 1,160 pupils.

The Speyer School, conducted as a junior high school for boys, under the Board of Education of New York City in cooperation with Teachers College, offers opportunity for experiment and observation in methods of teaching in the junior high school.

The Lincoln School, established in 1917, is maintained by the General Education Board in cooperation with Teachers College. The school exists for the purpose of conducting modern experiments in education.

*School of Practical Arts.* The School of Practical Arts was established to provide in the University system a new type of collegiate education, uniting liberal with technical training, and to prepare special teachers of such technical subjects as household arts, industrial arts, fine arts, music, physical education, and nursing.

The School offers to both men and women, who have completed a secondary school course, a program of study four years in length, equivalent in standards of admission and graduation to the traditional college course in letters and science. It includes in its program general cultural subjects, by which any particular curriculum may be enriched and extended, and offers, therewith, a broad and generous technical training, based on adequate instruction in science or the arts, by which the student may receive

a high type of vocational preparation in the varied fields falling within the scope of the School—in industrial arts, household arts, dietetics, institutional work, public health, fine arts, the art industries, music, and physical training.

The School of Practical Arts is organized as a School of full University grade, parallel to the Colleges of the University; it enjoys all the privileges of University membership, and its graduates receive the credentials of the University.

*Admission.* Students holding a diploma of graduation from an approved high or secondary school are admitted to the School of Practical Arts on certificate from the principal, provided the high school course has covered four years' work and has included certain fundamental courses in English, history or foreign languages, and mathematics or science.<sup>1</sup> Application for admission should be made as far in advance of the desired time of entrance as is practicable, and must include statements from responsible persons that the candidate possesses the qualities of health, character, scholarship, and serious purpose required for successful work in the School of Practical Arts. The application should be made on a blank form which will be sent on request. Candidates similarly vouched for may also be admitted on examination of the College Entrance Examination Board or the University Committee on Admissions of Columbia University, or on credentials from the Department of Education of the State of New York.

The School reserves the right to restrict admission to the freshman year to the number of 150, and to select these according to merit.

Advanced standing may be granted to students who have completed, in a college, technical school, normal school, or training school, courses in advance of high school graduation. Application for admission to advanced standing should be made on a blank form which will be sent on request. For further information in reference to the requirements for admission see page 191.

*Program.* The courses of study leading to the bachelor's degree occupy four years of work (124 points), for which the usual secondary school education is a required preparation. During the four years of study, approximately one-third of the student's time must be spent in general academic subjects (45 points), approximately one-third in technical subjects and technical training (45 points); the remainder (except for four required points in hygiene and physical training) of the 124 points needed for the degree must be distributed, according to the needs of the students, in either the general or the technical field. The program of study thus requires of all students a certain amount of fundamental general training in academic studies, but allows a freedom of election beyond the minimum requirements; it offers freedom of election in the choice of a group of studies of major interest, but requires systematic and progressive study in the group elected. A two-year professional curriculum leading to the degree of Bachelor of Science and preparing for teaching the Practical Arts is also offered to students who enter with two years of professional, technical, or collegiate training beyond high school. For detailed information, see the current *Announcement of the School of Practical Arts*, which may be had from the Secretary of the University.

*Degrees.* The successful completion of the four years' course of study is recognized by the conferring by Columbia University of the degree of Bachelor of Science.

Graduate students in the field of practical arts are received into the various departments of Teachers College as candidates for the degree of Master of Arts, Master of Science, or Doctor of Philosophy.

#### SCHOLARSHIPS, PRIZES AND HONORS (See page 298)

<sup>1</sup>All candidates for admission are required to offer 15 units, to include: English, 3 units; mathematics or science, 2 units; foreign languages or history, 2 units; electives, 8 units.

# COLLEGE OF PHARMACY

## FACULTY

President BUTLER.

Dean RUSBY.

Professors ARNY, BASTEDO, CHANDLER, COBLENTZ, CURTIS, DIEKMAN, GIES, HOSTMANN, JESSUP, MANSFIELD, PACE, and WIMMER.

## OTHER OFFICERS OF INSTRUCTION

CHARLES W. BALLARD, A.M., PH.CH., PHAR.D., *Instructor in Materia Medica*; LEWIS N. BROWN, PHAR.D., *Instructor in Pharmacy*; C. B. COUCHMAN, C.P.A., *Instructor in Accounting*; JOHN M. WILLIAMS, PHAR.D., *Instructor in Analytical Chemistry*; FANCHON HART, PH.G., *Instructor in Materia Medica*; JOHN T. KENNEDY, LL.B., *Instructor in Law and Accounting*; HUGO H. SCHAEFER, PHAR.D., *Instructor in Chemistry*; BENJAMIN W. SHERMAN, *Assistant in Analytical Chemistry*; RUDOLPH KONERTH, PH.G., *Assistant in Materia Medica*.

DELEGATE TO THE UNIVERSITY COUNCIL (See page 6).

**General Statement.** The College of Pharmacy of the City of New York, founded in 1829, chartered in 1831, and recognized in 1879 by the Regents as part of the University of the State of New York, became a member of the educational system of Columbia University on July 1, 1904. The President of the University is *ex-officio* President of the College of Pharmacy, and the College is represented in the University Council by its Dean, who is appointed by the Trustees of the College of Pharmacy on the nomination of the President. The College, however, maintains its separate corporate organization, and its Trustees continue to provide for its financial support.

The College is situated at 115 West Sixty-eighth Street, near Columbus Avenue, in an especially well-equipped building erected in 1894.

The College of Pharmacy is thus the professional school of Columbia University for Pharmacists, Pharmaceutical Chemists, Bachelors of Science in Pharmacy, and Doctors of Pharmacy and, as well, a valuable addition to the University's resources for teaching and research in botany, chemistry, and materia medica.

**Admission.** Candidates for admission will be examined either at the Regents' examination, or at the January and September entrance examinations of Columbia University, or of the College Entrance Examination Board, held in June of each year (see page 191).

**College Course.** The College Course of two years, leading to the degree of Graduate in Pharmacy is open only to persons holding the Qualifying Certificate for a Pharmacy Student, granted by the State Education Department for thirty Regents' counts or their equivalent.

**University Course.** The University Course of four years, leading in three years to the degree of Pharmaceutical Chemist and in four to that of Bachelor of Science in Pharmacy is open only to persons who have completed a four-year course in a registered high school of New York State or who have passed the Entrance Examinations of Columbia University or of the College Entrance Examination Board.

*Program of Study.* 1. A College Course, consisting of two years, leading to the degree of Graduate in Pharmacy, conferred by the College independent of the University, and qualifying the graduate to meet any examination for the position of licensed pharmacist.

The work undertaken is as follows: First year: physics, general and pharmaceutical chemistry, analytical chemistry; practical pharmacy, dispensing pharmacy, botany, pharmacognosy, physiology, toxicology, and pharmaceutical accounting. Second year: organic chemistry, inorganic and organic pharmaceutical chemistry, and analytical chemistry, practical pharmacy, dispensing pharmacy, materia medica, toxicology, macroscopical pharmacognosy, microscopical pharmacognosy.

2. A University Course of four years, the first three of which lead to the degree of Pharmaceutical Chemist, conferred by the University. The work undertaken in this course differs from that of the College Course in being of a somewhat more advanced character, and in being pursued through the full academic year. It includes instruction in general biology and a laboratory course in physics, in addition to the studies of the College Course. The fourth year leads to the degree of B.S. in Pharmacy. The work for this year includes bacteriology, plant analysis, and physiological chemistry, as well as advanced work in all departments.

3. A third or Graduate Course leads to the degree of Doctor of Pharmacy.

The work of the Graduate Course is arranged on the same plan as that leading to the degree of B.S. in Pharmacy, and occupies not less than forty hours weekly throughout the entire academic year, a fraction of this work being elective.

The purpose of this course is the training of men and women for the higher duties of pharmaceutical and allied service, such as pharmaceutical and commercial analysis, food and drug inspection, and commissionship and pharmaceutical teaching.

The baccalaureate degree, secured on equal terms with that conferred in other professions, confers equal privileges therewith, except as to the number of units of work performed. A holder of this degree desiring to transfer his activities to another profession, or to study for a higher degree, will be credited in such course with the number of units pertaining to his Bachelor of Science in Pharmacy Course, and his standing up to this point is the same as that secured in other baccalaureate departments.

4. A Summer Preparatory Course of twelve weeks is provided for those who, for any reason, require training in special subjects as a preparation for the Food and Drug Course.

5. Evening courses of instruction are offered for the benefit of special students, and for any of our regular students who for any reason may desire the instruction. These courses cannot, at least for the present, take the place of any instruction of the regular course, leading to any of our degrees. Certificates will be awarded to those who successfully pursue these evening courses.

6. A number of special courses of instruction have also been established partly for the benefit of those regular students who desire, for any reason, to specialize in certain lines of work, and partly to provide instruction in individual departments for those who do not desire to take the full course. Certificates, but not diplomas, are awarded to such students. These special courses of instruction are in pharmacognosy, chemical analysis, advanced inorganic and organic chemistry, and practical pharmacy.

*Method.* During the four undergraduate years the instruction occupies three days of the week, the alternate days being free for practical experience in the pharmacy. This arrangement provides a means of paying the expenses of a majority of students.

Many students, under the advice of the Faculty, prefer to devote their entire time to college work. For those so desiring, additional instruction is provided.

In addition to lectures and laboratory work, a series of recitations or quizzes, by a corps of qualified instructors, is given to the classes, in small sections.

SCHOLARSHIPS AND PRIZES (See page 298)

REGISTRATION AT COLUMBIA UNIVERSITY, IN ALL FACULTIES, DURING THE  
 ACADEMIC YEARS 1906-1907 TO 1916-1917

FACULTIES	1906-1907	1907-1908	1908-1909	1909-1910	1910-1911	1911-1912	1912-1913	1913-1914	1914-1915	1915-1916	1916-1917
Columbia College	638	650	667	692	802	820	877	941	1116	1256	1453
Barnard College	419	453	498	535	547	640	618	666	730	694	734
<i>Total undergraduates</i>	<i>1057</i>	<i>1103</i>	<i>1165</i>	<i>1227</i>	<i>1349</i>	<i>1460</i>	<i>1495</i>	<i>1607</i>	<i>1846</i>	<i>1950</i>	<i>2187</i>
Faculties of Political Science, Philosophy, Pure Science <sup>1</sup>	877	977	1015	1138	1367	1433	1570	1727	2074	1516	1358
<i>Total non-professional graduate students<sup>1</sup></i>	<i>877</i>	<i>977</i>	<i>1015</i>	<i>1138</i>	<i>1367</i>	<i>1433</i>	<i>1570</i>	<i>1727</i>	<i>2074</i>	<i>1516</i>	<i>1358</i>
Faculty of Applied Science	537	618	697	686	724	671	669	675	481	375	276
Faculty of Law	264	249	330	324	376	417	478	467	453	485	474
Faculty of Medicine	381	314	330	346	329	351	344	344	374	376	451
Journalism							76	115	143	144	155
Faculty of Pharmacy	247	224	267	313	275	287	414	448	495	510	428
Teachers College:											
Education <sup>2</sup>	743	896	992	1123	1571	1623	1422	1475	950	1157	1277
Practical Arts							262	335	1057	1065	1167
Fine Arts { Architecture	106	125	130	142	158	135	141	151	112	95	90
{ Music <sup>3</sup>	31	31	28	23	24	20	16	19			
School of Business											61
<i>Total professional students</i>	<i>2309</i>	<i>2457</i>	<i>2774</i>	<i>2957</i>	<i>3457</i>	<i>3504</i>	<i>3822</i>	<i>4029</i>	<i>4065</i>	<i>4207</i>	<i>4379</i>
Unclassified University Students										161	206
Deduct double registration <sup>4</sup>	154	195	204	205	280	324	362	429	651	160	36
<i>Net total</i>	<i>4089</i>	<i>4342</i>	<i>4750</i>	<i>5117</i>	<i>5893</i>	<i>6073</i>	<i>6525</i>	<i>6934</i>	<i>7334</i>	<i>7674</i>	<i>8094</i>
Summer Session	1041	1395	1532	1971	2632	2973	3602	4539	5590	5961	8023
<i>Grand Net Total<sup>5</sup></i>	<i>4852</i>	<i>5373</i>	<i>5887</i>	<i>6602</i>	<i>7858</i>	<i>8363</i>	<i>9379</i>	<i>10460</i>	<i>11876</i>	<i>12482</i>	<i>14899</i>
Students in Extension Teaching <sup>6</sup>	2719	3267	3013	2583	1008	1280	1828	2813	3305	4252	5368

<sup>1</sup> In 1915-1916 candidates for the degree of Master of Arts whose subject of major interest was Education (654) were, for the first time, included only under the Faculty of Education. In 1916-1917 all students engaged in graduate study with Education as their subject of major interest were counted under the Faculty of Education only.

<sup>2</sup> Including, prior to 1913-1914, those here classified under the School of Practical Arts.

<sup>3</sup> In 1914 the School of Music was discontinued.

<sup>4</sup> Students in Teachers College enrolled in the non-professional graduate faculties as candidates for the higher degrees and students who graduated from Columbia College in February and entered a graduate or professional faculty at that time.

<sup>5</sup> Excluding Summer Session students who returned for work in the succeeding fall. The Summer Session falls at the beginning of the year, as here reported. The first session was in the summer of 1900, the last included here is that of 1916. A detailed report of the Summer Session of 1917 is appended.

<sup>6</sup> Eighty-one students transferred from Extension to other schools in February.

## AGGREGATE ATTENDANCE IN ALL COURSES, 1916-1917 (EXCLUDING BARNARD COLLEGE, TEACHERS COLLEGE, AND COLLEGE OF PHARMACY)

1916-1917	Number of Half-Year Courses	Number of Registrations	Percentage of Total Enrolment
<i>Departments</i>			
Agriculture	6	16	.04
Anatomy (including Histology)	11	286	.75
Anthropology	15	123	.32
Architecture	62	868	2.27
Astronomy	5	159	.42
Bacteriology	12	217	.57
Biological Chemistry	15	210	.55
Botany	31	137	.36
Business	33	743	1.95
Chemical Engineering	20	290	.76
Chemistry	84	1784	4.65
Civil Engineering	33	525	1.38
Classical Philology	2	15	.04
Classical Civilization	1	17	.05
Greek	31	95	.25
Latin	37	337	.88
Dermatology	1	97	.26
Diseases of Children	4	341	.89
Economics	43	1461	3.81
Education	131	459	1.20
Electrical Engineering	36	738	1.94
Engineering Drafting	9	295	.77
English	86	3219	8.40
Comparative Literature	20	270	.71
Fine Arts	14	29	.08
Geology	43	291	.76
Germanic Languages and Literatures	68	1018	2.66
Government and Industry	2	98	.25
Gynecology	4	336	.88
Highway Engineering	5	5	.01
History and Political Philosophy	87	2303	6.04
Household Arts	15	21	.04
Hygiene and Preventive Medicine	3	95	.25
Journalism	24	994	2.61
Laryngology and Otology	2	194	.51
Mathematics	48	1357	3.54
Mechanical Engineering	80	1214	3.16
Metallurgy	26	445	1.18
Mineralogy	7	94	.25
Mining	16	249	.65
Municipal and Private Law	46	4752	12.42
Music	28	296	.78
Neurology	13	358	.94
Obstetrics	4	336	.88
Ophthalmology	2	194	.51
Oriental Languages			
Chinese	4	8	.02
Indo-Iranian Languages	15	22	.04
Semitic Languages	24	93	.24



AGGREGATE ATTENDANCE IN ALL COURSES, 1916-1917 (EXCLUDING BARNARD COLLEGE, TEACHERS COLLEGE AND COLLEGE OF PHARMACY)—*Continued*

1916-1917	Number of Half-Year Courses	Number of Registrations	Percentage of Total Enrolment
Orthopedic Surgery	1	94	.25
Pathology	3	190	.50
Pharmacology, Materia Medica and Therapeutics	4	190	.50
Philosophy	46	1556	4.07
Physical Education	10	1597	4.17
Physics	34	802	2.10
Mathematical Physics (Mechanics)	17	274	.72
Physiology	13	243	.64
Politics and Government	27	953	2.48
Practice of Medicine	4	330	.87
Psychology	26	527	1.38
Public Law	20	240	.63
Religion	3	66	.18
Roman Law and Jurisprudence	2	7	.02
Romance Languages and Literatures			
Celtic	2	4	.01
French	43	1065	2.80
Italian	11	48	.13
Spanish	14	428	1.13
Russian	9	32	.08
Science of Languages	2	14	.04
Social Economy	25	321	.84
Sociology	15	542	1.42
Surgery	6	524	1.38
Urology	2	194	.50
Zoology	40	475	1.24
<i>Total</i>	<i>1692</i>	<i>38,220</i>	<i>100.00</i>

## RESIDENCE OF STUDENTS

1916-1917	College	Law	Medicine	Applied Science	Architecture	Journalism	Business	Graduate Faculties of Political Science, Philosophy, and Pure Science	Unclassified Graduate Students	Barnard College	Education Practical Arts	College of Pharmacy	Duplicates	Net Total
UNITED STATES														
North Atlantic Division (78.14 per cent.)	1342	349	372	204	51	110	33	944	154	682	1663	421		6325
Connecticut	13	12	20	2	1	7	2	19	3	7	60	7		153
Maine	1	3			1	1	1	8			14	3		32
Massachusetts	16	12	3	1	2	8	1	41	2	10	88	3		187
New Hampshire	3	1	3	1				5			7			26
New Jersey	142	49	51	25	5	10	4	109	8	81	335	45		864
New York	1130	258	285	169	38	79	25	697	130	579	1007	359		4756
Pennsylvania	32	10	6	5	3	5		58	10	5	133			270
Rhode Island	4	2	3	1				3			4			17
Vermont	1	2	1		1			4	1		15	1		26
South Atlantic Division (3.56 per cent.)	15	25	22	8	6	8	4	64	12	15	108	1		288
Delaware	1							1			3			5
District of Columbia	3	3		2	2			8	1	2	8			29
Florida								3			4			7
Georgia	5	6	10	1	2	1	2	10	5	4	19			65
Maryland	2	2		2	1	1		8	1	1	26			44
North Carolina		3	4			5	2	9	1		4			28
South Carolina	1	3	2	3	1			5	2	3	13			33
Virginia	2	6	4			1		18	2	5	19	1		58
West Virginia	1	2	2					2			12			19
South Central Division (2.63 per cent.)	14	34	11	3	5	5	4	38	4	14	80	1		213
Alabama	2	4	1	1			1	7	1	2	7			26
Arkansas	1	5			1			4			6			17
Kentucky	3	3	1		1	2	1	5		2	15			33
Louisiana	2	1		1							5			9
Mississippi			2					2	1		2	1		8
Oklahoma		4	1			1		2		3	6			17
Tennessee	2	7	3		3	1		9		3	13			41
Texas	4	10	3	1		1	2	9	2	4	26			62
North Central Division (9.28 per cent.)	37	39	20	19	21	19	11	178	11	15	380	1		751
Illinois	3	1		2	5		1	20	5	1	48	1		87
Indiana	2	9	3	2	1	3		27		1	28			76
Iowa	2	9	1	3		2	1	15	1	1	30			65
Kansas	1	1		1		2		9			32			46
Michigan	3	2	2	1	2	3		15		1	37			66
Minnesota	4	2	4	2	2			12			32			58

## RESIDENCE OF STUDENTS—Continued

1916-1917	College	Law	Medicine	Applied Science	Architecture	Journalism	Business	Graduate Faculties of Political Science, Philosophy, and Pure Science	Unclassified Graduate Students	Barnard College	Education Practical Arts	College of Pharmacy	Duplicates	Net Total
Missouri	6	5	2	2	1	5	2	11		4	44			82
Nebraska		1			3	2	1	7	1		10			25
North Dakota	1			1	1						4			7
Ohio	12	7	4	3	3	2	2	50	3	4	72			162
South Dakota		2						4		1	7			14
Wisconsin	3		4	2	3		4	8	1	2	36			63
Western Division (3.34 per cent.)	14	16	19	13	3	9	3	69	11	4	110			271
Arizona	1		1					1			1			4
California	5	9		1	1	4	1	32	1		49			103
Colorado	1	1	3	1		1		9	1	2	11			30
Idaho	1		1	1		1			1		4			9
Montana				2	1			1		1	3			8
Nevada				2										2
New Mexico		1	1			1			1					4
Oregon	2	2	2	2		1		9	2		16			36
Utah			8	1				6	2		2			19
Washington	4	3	2	3	1		2	11	3	1	23			53
Wyoming			1			1					1			3
Insular and Non-contiguous Territories (0.25 per cent.)	4	3		2		1		2		2	5	1		20
Alaska	1													1
Hawaiian Islands	2			1							1			4
Philippine Islands	1	1				1					1			4
Porto Rico		2		1				2		2	3	1		11
Totals	1426	466	444	249	86	152	55	1295	102	732	2346	425		7868
New York City (45.34 per cent.)	913	191	165	138	45	54	13	587	125	148	704	287		3670
FOREIGN COUNTRIES														
Argentina								2	1		2			5
Armenia		1									2			3
Australia								1			2			3
Austria				1							1			2
Bahama Islands	1													1
Belgium											1			1
Brazil	1										2			2
Bulgaria											2			2
Canada	2	1	1	2	1	1	1	12	1	1	27	1		51
Chile											1			1

RESIDENCE OF STUDENTS—*Continued*

1916-1917	College	Law	Medicine	Applied Science	Architecture	Journalism	Business	Graduate Faculties of Political Science, Philosophy, and Pure Science	Unclassified Graduate Students	Barnard College	Education Practical Arts	College of Pharmacy	Duplicates	Net Total
China	10	1		7	1		3	22	1		24			69
Colombia												1		1
Costa Rica				1							1			2
Cuba	2	4		1	1						1			9
Denmark											1			1
Egypt				1							1			1
Finland											1			1
France								1						1
Germany	2			1		1		1			1			6
Great Britain	1		1			1		3			2			8
Greece											1			1
Holland	2							1	1					4
Iceland											1			1
India	1		1	3				3			4			12
Italy			1											1
Japan	1	1		2	1		1	10	9		5			30
Mexico				1				1			1			3
Newfoundland											1			1
Nicaragua	1										1			1
Norway											1			1
Panama											3			3
Poland							1				1			2
Portugal								1						1
Rumania	1										1			2
Russia	1		2					1			1			5
Santo Domingo												1		1
Siam											1			1
South Africa											3			3
Spain				6				1	1					8
Sweden				1						1				2
Switzerland											1			1
Turkey in Asia											2			2
Turkey in Europe								2			2			4
Uruguay	1													1
West Indies			1					1						2
<i>Total (3.22 per cent.)</i>	27	8	7	27	4	3	6	63	14	2	98	3		262
<i>Grand Total</i>	1453	474	451	276	90	155	61	1358	206	734	2444	428	36	8094

## SUMMER SESSION

*General Statement.* The Eighteenth Summer Session of the University opened July 9, 1917 and closed August 17. The registration days for the Summer Session were July 5, 6, and 7. Examinations were held on August 17.

Courses were offered to men and women on equal terms in accounting, advertising, agriculture, architecture, astronomy, biology, bookkeeping, botany, business law, chemistry, commercial mathematics, corporation finance, domestic art, domestic science, economics, education, elocution, engineering, English, fine arts, freehand drawing, French, geography, geology, German, Greek, history, history of religion, household arts, industrial arts, international law, Italian, journalism, kindergarten, Latin, law, library economy, manual training, mathematics, mechanical drawing, mechanics, medicine, metallurgy, mineralogy, music, philosophy, photoplay composition, physical education, physical geography, physics, physiology, politics and public law, Portuguese, psychology, public speaking, religion, Romance languages, Russian, sanitary science, social science, Spanish, stenography and typewriting, and zoology.

Evening courses were also offered in the following subjects: engineering drafting, English, French, mathematics, mineralogy, Portuguese, and Spanish.

Each course consisted of thirty lectures or other exercises, or their equivalent in laboratory or field work. Credit for such courses in the Summer Session as are accepted by the several Faculties of the University in partial fulfilment of the requirements for degrees, or for diplomas in teaching, is given upon the satisfactory completion of the course, including the final examination.

### FEES (See page 64)

The tuition fee for the Summer Session is estimated on the basis of \$6 per point. In addition to this fee, the student is charged a University fee of \$5.

For the current *Announcement* of the Summer Session which will open July 8 and offer a wide range of courses, or for information regarding dormitory accommodations, or board and lodging, address the Secretary of Columbia University, New York.

*Registration 1917.* Copies of the separately printed *Directory of the Summer Session, 1917*, may be had upon the payment of twenty-five cents, plus postage. Application should be made to the Secretary of the University. In this catalogue, at the close of the Register of Students under each Faculty, will be found a list of the Summer Session students of 1917 who matriculated under that Faculty, but who did not return to register in September.

## SUMMER SESSION STUDENTS

Classification	Numbers	Number Totals	Percentages	Percentage Totals
I. Non-matriculated		3547		57.73
II. Matriculated:				
1. Columbia College	212			
2. Barnard College	87			
3. Mines, Engineering, and Chemistry	7			
4. Law	35			
5. Medicine	28			
6. Architecture	2			
7. Political Science	147			
8. Philosophy	315			
9. Pure Science	158			
10. Teachers College:				
Undergraduate	753			
Graduate	835			
11. Journalism	10			
12. School of Dentistry	1			
13. School of Business	7			
		2597		42.27
		<u>6144</u>		<u>100.00</u>

## SUMMER SESSION STUDENTS CLASSIFIED ACCORDING TO RESIDENCE

Classification	Numbers	Number Totals	Percentages	Percentage Totals
North Atlantic Division				
Connecticut	152			
Maine	40			
Massachusetts	201			
New Hampshire	20			
New Jersey	425			
New York	425			
Outside of New York City	626			
Manhattan and the Bronx	1255			
Brooklyn	323			
Queens	50			
Richmond	9			
	1637	2263		
Pennsylvania	423			
Rhode Island	31			
Vermont	22			
		3577		58.21
South Atlantic Division				
Delaware	14			
District of Columbia	65			
Florida	43			
Georgia	108			
Maryland	106			
North Carolina	110			
South Carolina	55			
Virginia	171			
West Virginia	45			
		717		11.67
South Central Division				
Alabama	54			
Arkansas	15			
Kentucky	55			
Louisiana	28			
Mississippi	10			
Oklahoma	15			
Tennessee	55			
Texas	111			
		343		5.58
North Central Division				
Illinois	102			
Indiana	176			
Iowa	54			
Kansas	60			
Michigan	128			
Minnesota	73			
Missouri	84			

SUMMER SESSION STUDENTS CLASSIFIED ACCORDING TO RESIDENCE—*Continued*

Classification	Numbers	Number Totals	Percentages	Percentage Totals
Nebraska	39			
North Dakota	15			
Ohio	359			
South Dakota	13			
Wisconsin	69			
	<hr/>	1172		19.07
Western Division				
Arizona	6			
California	60			
Colorado	24			
Idaho	5			
Montana	12			
New Mexico	4			
Oregon	16			
Utah	10			
Washington	26			
Wyoming	3			
	<hr/>	166		2.71
Insular and Non-contiguous Territories				
Alaska	1			
Hawaiian Islands	1			
Philippine Islands	8			
Porto Rico	13			
	<hr/>	23		.37
Foreign Countries				
Bermuda	2			
Brazil	1			
Canada	70			
China	27			
Cuba	8			
Ecuador	1			
Greece	1			
India	1			
Italy	4			
Japan	18			
Mexico	5			
Newfoundland	1			
Panama	2			
Persia	1			
Peru	1			
South Africa	1			
Spain	1			
Switzerland	2			
	<hr/>	147		2.39
		<hr/>		<hr/>
		6144		100.00



## SUMMER SESSION STUDENTS CLASSIFIED ACCORDING TO ATTENDANCE ON COURSES

SUBJECTS	No. of Courses	No. of Registrations	Percentage of Total Enrolment
Accounting	1	15	.09
Administration	8	201	1.29
Agriculture	5	41	.28
Anatomy	1	6	.03
Architecture	5	21	.13
Art Metal Working	1	14	.09
Astronomy	3	42	.26
Bacteriology	1	58	.38
Banking	1	14	.09
Biological Chemistry	2	13	.08
Biology	3	34	.23
Bookkeeping	1	19	.12
Botany	9	51	.34
Business	17	223	1.44
Cancer Research	1	7	.04
Chemical Engineering	4	18	.11
Chemistry	42	418	2.70
Clothing	5	205	1.32
Comparative Literature	4	125	.80
Cookery	11	250	1.62
Drawing	5	45	.29
Economics	7	125	.81
Education	144	6208	40.05
Electrical Engineering	3	12	.07
Engineering Drafting	6	21	.13
English	31	966	6.24
Fine Arts	20	382	2.46
French	21	458	2.95
General Linguistics	1	5	.03
Geology	5	14	.09
Geography	6	116	.75
German	26	254	1.64
Greek	4	21	.13
History	23	394	2.55
Household Arts	9	50	.33
Industrial Arts	2	31	.19
International Relations	1	5	.03
Italian	3	32	.20
Japanese	2	5	.03
Journalism	1	46	.30
Kindergarten	5	181	1.17
Latin	17	210	1.36
Law	14	119	.78
Library Economy	5	103	.77
Mathematics	19	421	2.73
Mechanics	3	8	.05
Metallurgy	3	11	.07
Military Service	4	140	.90
Mineralogy	2	25	.16
Music	9	191	1.24
Nature Study	1	6	.03

SUMMER SESSION STUDENTS CLASSIFIED ACCORDING TO ATTENDANCE  
ON COURSES—*Continued*

SUBJECTS	No. of Courses	No. of Registrations	Percentage of Total Enrolment
Neurology	7	38	.25
Nursing	5	89	.59
Nutrition	3	78	.50
Obstetrics	1	1	.01
Penmanship	1	16	.09
Philosophy	10	174	1.13
Photoplay Composition	1	23	.14
Physical Education	33	1152	7.44
Physics	9	152	.99
Physiology	6	77	.51
Politics	6	40	.25
Portuguese	2	4	.02
Practice of Medicine	1	50	.32
Psychology	9	146	.95
Public Law	4	38	.24
Religion	4	33	.21
Russian	1	9	.05
Sanitary Science	3	9	.05
Social Economy	5	69	.44
Social Science	1	36	.23
Sociology	4	109	.70
Spanish	8	292	1.87
Speech	4	160	1.02
Statistics	2	35	.22
Stenography	5	100	.64
Surgery	1	10	.06
Textiles	1	22	.14
Typewriting	4	111	.71
Zoology	2	41	.26
<i>Totals</i>	<i>670</i>	<i>15,494</i>	<i>100.00</i>

## EXTENSION TEACHING

*General Statement.* The statutes of the University define Extension Teaching as instruction given by University officers and under the administrative supervision and control of the University, either away from the University buildings or at the University, for the benefit of students unable to attend the regular courses of instruction.

*Students.* Courses in Extension Teaching are planned for two classes of students: (1) men and women who can give only a portion of their time to study and who desire to pursue subjects included in a liberal education of the character and grade of a college or professional school, but without any reference to an academic degree; (2) those who look forward to qualifying themselves to obtain in the future academic recognition, involving acceptance of the work which they may satisfactorily complete in Extension Teaching.

Students who are duly admitted to Extension courses but are not candidates for a degree or diploma are termed non-matriculated students. Students who have completed the requirements for admission and have been formally admitted by or in behalf of the Faculty concerned as candidates for a degree or diploma are termed matriculated students.

*Courses of Instruction.* Under the direction of the University Council courses are offered in Extension Teaching which count toward the degree of Master of Arts and Doctor of Philosophy.

Regular courses of instruction are offered in Extension Teaching which, in many instances, are coordinated so as to form at least the first years of collegiate and professional work, thus providing in the evening at Morningside Heights, and elsewhere, courses in subjects which are generally offered in the freshman, sophomore, and junior years of college, so that students may qualify themselves for admission with advanced standing to Columbia College and Barnard College or other institutions, as candidates for the degrees of Bachelor of Arts and Bachelor of Science.

There are also offered at Morningside Heights in the evening subjects which are required of students in the Schools of Mines, Engineering, and Chemistry, so that a student may pursue some special line of scientific study or prepare himself for advanced study in these schools. Courses in these schools are open only to those who have had a preliminary course of three years in Columbia College or the equivalent. This preliminary collegiate course may be taken in part or in full in Extension Teaching in the evening by students engaged in business during the day.

Evening courses are offered in architecture at Morningside Heights which correspond to the courses of the Columbia University School of Architecture.

Evening courses in business, forming a three-year course leading to a certificate and preparing for the State examination for the certificate of Certified Public Accountant, are given at Morningside Heights.

A series of courses intended to equip students for the position of private secretary is also offered. The completion of these courses require two years for high school graduates and at least one year for college graduates. Courses in library economy are offered by Extension Teaching. These classes, supplemented by certain cultural courses, form a year's work for which a formal statement is given.

Many courses are offered which aid a student to prepare for the Schools of Business, Law, and Medicine or to complete his preparation for Columbia College.

A two-year course in practical optics is offered in cooperation with the Department of Physics for the special training of those who expect to become optometrists.

Teachers College offers in cooperation with the Department of Extension Teaching about 130 technical courses in the various fields of Practical Arts: *i. e.*, household arts, fine arts, industrial arts, music, physical training, and nursing and health. In many of the courses the instruction is the same as that given in the regular classes of the School of Practical Arts. In other cases, special classes are organized to meet the needs of those desiring instruction in Practical Arts for use in the home.

Courses are offered in agriculture for those who desire special work in that subject.

Under the Extension Teaching Department are offered also a number of classes in dentistry. These include graduate courses for practitioners, intended for graduates of reputable dental institutions. They are given at 35-37 West 39th Street. In addition, classes in oral hygiene for licensed dental hygienists, designed to train women for the practice of operative dental hygiene, are offered at the Vanderbilt Clinic, 59th Street and Tenth Avenue.

A large number of other courses in varied subjects is given late in the afternoon and on Saturday, which repeat those in liberal studies offered in the Colleges of the University. These are given in the same manner and often by the same instructors as the regular courses. In most instances university credit is granted.

Courses covering the first year of collegiate study and supplying the premedical year of the Long Island College Hospital are given at that institution.

Numerous courses are given at various centers. These are either regular courses of collegiate grade or short lecture courses without academic credit.

Lecture-study courses in certain subjects forming fifteen or thirty lectures alternating with quiz or conference hours are given at Morningside Heights and at centers when requested.

Centers for the study of choral music are maintained at Morningside Heights, and Brooklyn, and choral concerts are given during the year. The Department of Extension Teaching also maintains the Institute of Arts and Sciences.

*Registration.* Students who expect to attend at Morningside Heights are required to register at the office of the Registrar, University Hall. A student in Extension Teaching registers for one Session and is required to renew his registration in person at the beginning of the Spring Session.

Matriculated students in the various schools of the University will be allowed to attend courses in Extension Teaching in accordance with the regulations of the several schools; they must, however, register and pay the fees in the same way as other students in Extension courses.

*Fees.* All students, matriculated or non-matriculated, admitted to Extension courses, must pay at the time of registration the fees determined by the Administrative Board. The fees for Extension courses are determined, as a rule, at the rate of \$6 per point, *i. e.*, for one hour per week of classroom work, or two hours of laboratory or drawing-room work, through one Session. All Extension students must pay a University fee of \$5 for each year or any part thereof. Students taking six points each Session have the privileges of the Library and, in the case of men, the University Gymnasium. The privilege of residence in the dormitories is limited in the case of Extension Teaching men students to men in good standing pursuing programs aggregating not less than eight points each Session. Women students in Extension Teaching may reside in Whittier Hall or Furnald Hall under certain conditions determined by the amount of work taken.

Courses in Extension Teaching, approved by the Committees on Instruction in Columbia, Barnard, and Teachers Colleges are credited for matriculated students toward the degrees of A.B. and B.S., toward the diplomas in Teachers College, and

toward degrees in other professional schools in accordance with the regulations established by the various faculties. The credit given for the various courses will be found in the *Announcement of Extension Teaching*.

Courses in Extension Teaching, approved by the Executive Committee of the University Council, will count toward the degree of Master of Arts and Doctor of Philosophy.

*Admission.* No examination is required for admission to courses offered in Extension Teaching, but students must satisfy the instructors concerned that they can pursue the courses with advantage. It is expected that prospective students in all collegiate and professional courses shall have had a full secondary school education. The courses are open, unless it is otherwise stated, both to men and women.

*Location.* Intramural collegiate and professional courses will be given at Columbia University. Extramural courses will be given at the Long Island College Hospital, Henry and Amity Streets, Brooklyn, at Scranton, Springfield, Bridgeport, Garfield, Jersey City, Trenton, Yonkers, and at centers where there may be sufficient demand. Courses in Business will be given at 203 Broadway or on Fulton Street. Classes will also be conducted at the New York Chapter of the American Institute of Banking, 138 East 35th Street.

For detailed information as to the places and hours for these courses, the qualifications for admission, the regulations for registration, candidacy for degrees, diplomas, attendance, and examinations, the fees prescribed, and for a statement of each course offered, see the current *Announcement of Extension Teaching* and the circular of Extramural Courses, which may be obtained without charge upon application to the Secretary of the University.

*Institute of Arts and Sciences.* The Institute of Arts and Sciences is the non-academic division of the Department of Extension Teaching. The aim of the Institute is to provide a popular late afternoon and evening program consisting of popular university extension lectures, concerts, and other events of a cultural nature.

The program is planned for busy men and women. The scope includes lectures, given singly or in series of six, on history, literature, art, music, household arts, science, and on current economic and social problems; it comprises also illustrated travel lectures, recitals, dramatic recitals, and vocal and instrumental as well as chamber music concerts.

The annual dues are \$10 payable in advance with an enrolment fee of \$5 payable only once provided the enrolment does not lapse.

A member of the Institute is entitled to admission for himself and one other person to all the meetings on the regular evening program, but in the afternoon only one person is admitted. The ticket is transferable. Altogether the membership ticket includes admission to approximately 250 lectures, concerts, dramatic recitals, etc., throughout the season. The program continues from October to April. The University auditoriums are used. Memberships are accepted at any time and are good for one year from the first of the month nearest the time of enrolment.

A special pamphlet describing in detail the program of the Institute will be mailed upon request.

## AGGREGATE ATTENDANCE ON EXTENSION TEACHING COURSES

SUBJECTS	Number of Half-Year Courses			Number of Registrations			Percent- age of Total Enrol- ment
	Morn- ing- side	Extra- Mural Centers	Total	Morn- ing- side	Extra- Mural Centers	Total	
Administration	20		20	85		85	.51583
Agriculture	14		14	119		119	.72283
Architecture	29		29	320		320	1.93993
Astronomy	1		1	20		20	.12193
Biblical Literature	1		1	4		4	.02497
Biology	9		9	50		50	.30373
Bookkeeping	4		4	101		101	.61279
Botany	8		8	41		41	.24919
Business	49		49	1752		1752	10.61821
Chemistry	27	2	29	458	183	641	3.88512
Civil Engineering	11		11	141		141	.85519
Clothing	25		25	320		320	1.93993
Contemporary Literature	2		2	150		150	.90972
Cookery	19		19	240		240	1.45514
Drafting	8		8	91		91	.55219
Drawing	14		14	68		68	.41281
Economics	4	1	5	197	19	216	1.30969
Economic Science	4		4	18		18	.10981
Education	22	3	25	191	167	358	2.17021
Electrical Engineering	5		5	94		94	.57037
English	68	8	76	2785	467	3252	19.70792
Fine Arts	52		52	553		553	3.35191
French	23	3	26	675	69	744	4.50937
Geography	2		2	19		19	.11587
Geology	3		3	25		25	.15223
German	34	3	37	549	130	679	4.11547
Greek	2		2	12		12	.07345
History	25	5	30	574	203	777	4.70935
Household Arts	3		3	5		5	.03103
Hygiene	4		4	35		35	.21283
Industrial Arts	5		5	14		14	.08557
International Law	10		10	58		58	.35221
International Relations	2		2	11		11	.06739
Italian	3		3	18		18	.10981
Latin	12		12	131		131	.79459
Library Economy	11		11	199		199	1.20667
Mathematics	19		19	463		463	2.80651
Mechanics	1		1	5		5	.03102
Metalworking	4		4	17		17	.10376
Mineralogy	1		1	27		27	.16435
Music	35		35	193		193	1.17031
Nursing	6		6	42		42	.25525
Nutrition	2		2	37		37	.22495
Optometry	20		20	412		412	2.49745
Penmanship	2		2	17		17	.10375
Philosophy	14	1	15	355	25	380	2.30353
Photography	1		1	3		3	.01891

AGGREGATE ATTENDANCE ON EXTENSION TEACHING COURSES—*Continued*

SUBJECTS	Number of Half-Year Courses			Number of Registrations			Percent- age of Total Enrol- ment
	Morn- ing- side	Extra- Mural Centers	Total	Morn- ing- side	Extra- Mural Center	Total	
Photoplay Writing	4		4	124		124	.75217
Physical Education	23		23	204		204	1.23697
Physical Training	2		2	8		8	.04921
Physics	8	2	10	138	220	358	2.17021
Plastic Anatomy	1		1	3		3	.01891
Politics	9	1	10	122	51	173	1.04911
Practical Arts Music	31		31	99		99	.60067
Psychology	10		10	232		232	1.40665
Religion	2		2	7		7	.04315
Sanitation	2		2	12		12	.07345
Science of Languages	1		1	8		8	.04921
Secretarial Correspondence	2		2	61		61	.37039
Social Economy		1	1		46	46	.27949
Social Science	7		7	64		64	.38857
Sociology	15	1	16	267	60	327	1.98235
Spanish	12		12	638		638	3.86701
Speech	6		6	66		66	.40069
Stenography	12		12	323		323	1.95811
Structural Mechanics	10		10	123		123	.74611
Textiles	5		5	19		19	.11587
Typewriting	10		10	319		319	1.93387
Typography	1		1	30		30	.18253
Zoology	2	2	4	72	220	292	1.77025
<i>Total</i>	<i>815</i>	<i>33</i>	<i>848</i>	<i>14633</i>	<i>1860</i>	<i>16493</i>	<i>100.00000</i>

## DEGREES CONFERRED DURING 1916-1917

*Degrees are conferred at the October and February meetings of the University Council  
and on Commencement Day*

### COLUMBIA COLLEGE

*Bachelor of Arts.* JOHN DINSMORE ALLEY, STANTON WILLETT'S ALLISON, ISAAC ALZAMORA, JR., GEORGE REID ANDREWS, JOSEPH ROSENZWEIG ANTHONY, DANIEL GORDON ARCHER,† MORRIS ASTRACHAN, ROSS MATTIS BACON, EDWARD BARSKY, JOHN DAVID BEALS, JR., NATHANIEL WISE BENTON, ALAN FREDERIC BIERHOFF,\* JOSEPH PARKER BOWLES, ERNEST FRANK BRACE, with honors in English Literature and History; ERNEST BRENNECKE, with highest honors in English Literature and Greek; HARRY CHARLES BRICKER,\* GEORGE EHRET BURGHARD,\* ALONZO PERINE BURNETT,† ALFRED JOSEPH CARDINAL, HARRY WINANT CAYGILL, AARON BARNET COHEN, GEORGE V. COOPER, ROBERT HATHAWAY CRANDALL, ELLIOTT CHRISTOPHER BEARNS DARLINGTON,† AARON WISE DAVIS, EARLE HURD DAVIS, BARTHOLOMEW ROBINS DEGRAFF, ARCHIBALD CAMPBELL DENISON, EDWARD L. DODGE, GUSTAV JOHN DOHRENWEND, JR., OTTO EWALD DOHRENWEND, SAMUEL DREYER, IRWIN EDMAN,\* DAVID ERNST EHRLICH, ROBERT KENNETH EVERSON, CARLE PERCY EWERS, HOXIE NEALE FAIRCHILD, HENRY JOSEPH FARRELL, WALTER CRAWFORD FLOWER,† MEYER CASPER FOLKOFF, DONALD ROSSITER FOX,† AMOS PHILIP GEIB,\* SAMUEL LOUIS GILMORE,† EDWARD GLUCK, with highest honors in Economics and History; HARRY GOLEMBE, DAVID GOODMAN,† GEORGE JAY GOULD, JR., with honors in French and History; MILTON HERBERT GROPPER,\* CHARLES EDWARD HAMILTON,\* JAMES RENWICK HARRISON, HENRY GEORGE HARVITT, JEFFERSON A. HEALY,† FRANCIS TRACY HENDERSON, CREAGH MITCHELL HEYDECKER, IRA WILSON HIRSHFIELD, HSIAU YUEN HO, WILLIAM MORRIS HUGHES, JR., HENRY R. KAHN, ALAN HORACE KEMPNER, STANLEY LEON KENT, JAMES HOYT KERLEY, LINDSLEY FISKE KIMBALL, with honors in Mathematics and Philosophy; PERCY KLINGENSTEIN, EDWIN FREDERICK KORKUS, MAZZINI SAVINI LAPOLLA, with honors in French and History; MILTON FOWLER LEVY, WILLIAM TITUS MARIUS LICCIONE, ANSON LICHTENSTEIN,\* EMANUEL VICTOR LITTAUER, ROBERT HOWARD LORENZ, CLARENCE EARLE LOVEJOY, JOHN WHITTEN MCKEON, HORACE SAMUEL MANGES, HERMAN JACOB MANKIEWICZ,\* with honors in English Literature and German; GEORGE WASHINGTON MARTIN, ARTHUR JOSEPH MESSING,† HENRY MILCH,\* WILLIAM HAROLD MILLER, RALPH REMBRANDT MOOLTEN, LOUIS PHILIP MORIARTY, GILROY MULQUEEN,\* JEROME ANDREW NEWMAN, EDWIN ROGERS NODINE, VERNON O'BRIEN,† ARTHUR KITTREDGE PADDOCK, HOWARD WELCH PALMER, RAYMOND LAMONT PERKINS, LEO PERLA, ARTHUR EDWIN PETTIT, IVAN KEATS VIVIAN POTTER,† CHARLES GEORGE PROFFITT, WILLIAM RANKIN,† HOWARD EMANUEL REINHEIMER, GEORGE WASHINGTON RILEY, LAWRENCE JOHN RITTER, MORRIS SIGMUND ROSENTHAL, WILLIAM ROTHENBERG, HENRY POTTER RUSSELL, ROBERT PAWLEY SAMWORTH, WILLIAM R. SCHENCK, HERBERT AUGUST SCHULTE, LEWIS LAZARUS SELL,\* ABRAHAM BENEDICT SHAVELSON,† ROYAL FRANCIS SHEPARD, ALLEN RIFENBURG SIMMONS, ELLIOTT MARK SPERLING,\* FRANKLIN SPIER, CHARLES EDWIN SPRINGHORN, EMORY POTTER STARKE,\* with honors in English Literature and Mathematics; CHRISTOPHER FREDERICK STEINKE, JOHN ALLEN STEPHENS, JR., JOHN HUDDLESTON TABER, HENRY PAULL TEALL, with

\* October, 1916. † February, 1917.



honors in English Literature and German; KENNETH WILLIAM TODD, EDWARD BARBOUR TOWNS, SAMUEL SEYMOUR TRISCHETT,\* PETER THOMAS WARD, JOSEPH WARSHOW, GEORGE MUMFORD WATTS, FRANK JEFFERSON COWEN WEINBERG, RAY BRIDWELL WHITE, ARTHUR BOYNTON WILBER, SPENCER CHARLES WILLIAMS, with honors in Economics and History; IGNATIUS BENEDICT WOLFNER,† SAMUEL ZEIGER. [125].

*Bachelor of Science.* EMANUEL MAURICE ABRAHAMSON, with honors in Mathematics; HAROLD BISCOE ADAMS, JOHN BRAITHWAITE BALDWIN, THOMAS BARISH, with honors in Mathematics; FREDERIC COUDERT BELLINGER, WILLIAM BERINSTEIN, REDDICK HOMER BICKEL, WILLIAM SPENCER BOWEN,† RAPHAEL BREAKSTONE, LOUIS BUCHMAN, ELISHA PAYNE JEWETT BURGESS,\* FREDERICK JOHN BURGHARD, STEPHEN PATRICK BURKE, with honors in Mathematics; IRVING BUSCH, LUDWIG JACOB CHRISTMANN, AARON COHEN, ALAN BRUCE CONLIN,\* HARVEY MORTON CRONK, RAYMOND JOSEPH DALY, HAROLD BERTRAM DAVIDSON, EDWARD MEAD EARLE, with highest honors in Economics and History; ARMAND GROVER ERPF-LEFKOVICS, EUGENE HECTOR FEZANDIE, HENRY SALL FISCHER,\* WALDO E. FISHER, HILAND LEE FLOWERS,\* JOHN CAMPBELL FOWLER,† LOUIS GERTZ, DAVID GINSBURG, EMANUEL GLASS, WALTER CAMPBELL GOODWIN, KENNETH JAMES GORDON, VINCENT WYMAND HAIGHT, OLIVER THEODORE HAMILTON, A. A. HASSAN, JR., JULIAN DEWEY HEATH, KAROL M. HERSTEIN,† THOMAS AUSTIN HINES, GARDNER HIKONS, JR., WILBER THOMAS HOOVEN, JR., JAMES FEARL HUGHES, with highest honors in Economics and History; CHANDLER DYMCK INGERSOLL, with honors in Chemistry; MORRIS KASSEL, RICHARD KATZ, JR.,† DANIEL EDWIN KENNEDY, HENRY THOMAS KILBURN,\* SIDNEY KLEIN, GEORGE HAROLD KNOBLOCH, RUDOLPH LOUIS KRAFT, LOUIS GEORGE KREUTZER, JACOB KURTZ, TSING LUNG LEE,\* BENEDICT AARON LEERBURGER, JULIUS LEMELSON, MORTIMER JOSEPH LEVIE, JASPER JOSEPH LEVIN,† KENNETH MARK LEWIS, TIEN TOW LIU, EDWARD WHITE BENSON MALCOMSON, LAWRENCE MARCUS, ERNEST ALBERT MARX, EDWARD COLUMBA MEAGHER, CHENK SHANG MEI, HARRY H. MEYER, with honors in Mathematics; FRANK M. MICHAELIAN, WHARTON MILLER, HENRY MINSKY, THOMAS JOSEPH MINTURN, HENRY CLAY MONROE, SEELEY GREENLEAF MUDD, WAYNE VERNON MYERS,† with high honors in Economics and Psychology; HORACE HAMILTON NAHM, JAMES KENDRICK NOBLE, ROBERT EDWIN NUSE, JR., RUSSELL MAXFIELD ORAM, RALPH EDGAR PICKETT, HENRY PLEUS, HARRY FRANCIS POHLMANN, IRVING WADSWORTH PONEMON, HERBERT POSNER, RICHARD MONCRIEFF POTT, NICHOLAS SIGMUND RANSOHOFF, CHARLES AUSTIN REAGAN, RAYMOND REESE, JOHN WILLIAM ROGERS,† JULIAN DELLEVIE ROSENBERG, LEO SAMUEL SACHAROFF, GEORGE T. SANDALLS, JR., LINCOLN M. SAULPAUGH, JOHN GEORGE SBARBORO, ANSELM ALEXANDER SCARDACCIONE, ROSWELL LAWRENCE SCHMITT, PHILIP SCHWARTZ, with honors in Mathematics; HERBERT A. SCHWARZ, MORTON SELDOWITZ, AURA EDWARD SEVERINGHAUS,† THOMAS ARTHUR SHAPIRO, EDMUND LESTER SHLEVIN, ISIDOR NATHANIEL SINGER, WILLIAM WALTER STECKER, with honors in Mathematics; LEWI TONKS, with honors in Mathematics; FRANK LANDALE TUCKER, JR., STERLING VAN DE WATER, MILTON WALLACH, with honors in Mathematics; MILTON WEINHANDLER, HENRY CHRISTIAN WEISSENBORN, THEODORE DU BOIS WIGGINS, PAUL MEYER WOOD, FREDERICK ALFRED WURZBACH, JR., LECH WOJCIECH ZYCHLINSKI. [110].

## MEDICINE

*Doctor of Medicine.* GILBERT CHRISTIAN ANDERSON, A.B., HARRY BAKWIN, B.S., SAMUEL DENNIS BELL, A.B., HERBERT MUHLENBERG BERGAMINI, LITT.B., EMIL

\* October, 1916. † February 1917.

BURTON BICKLEY, WILLIAM BIERMAN, A.B., LEVIS ARTHUR BINGAMAN, A.B., HOWSON WALLACE BLANTON, A.B., HAROLD BLAUVELT, B.S., WILKIE HOOPER BLOOD, A.B., WILLIAM DONALD BRAISLIN, B.S., GUSTAVE AUGUST BRAUN, B.S., BERNARD CHRISTIE BULLEN, B.S., CALVIN EZRA BUSWELL, A.B., CHARLES EDWARD CAVERLY, JR., A.B., WILLIAM HARMON CHAPMAN, PH.B., ROBERT EFFINGER CUMMING, A.B., CHARLES KENNETH DEMING, A.B., WILLIAM PAUL DODDS, LITT.B., MOSES NATHANIEL EISNER, A.B., WALDO BEATTIE FARNUM, LEE HOLLISTER FERGUSON, B.S., SAMUEL SIDNEY FERN, A.B., PLINY BAXTER FISKE, PH.B., ROBERT FLANDERS, A.B., ERNEST LEE FOLEY, A.B., LUCIAN ARTHUR GERACI, PH.B., HERMAN GOODMAN, B.S., WILLIAM RICHARD RANDOLPH GRANGER, JR., B.S., MORRIS GREENBERG, A.B., ABRAHAM CHARLES GREENHOUSE, B.S., ROY GOUVERNEUR HAYS, B.S., TIDAL BOYCE HENRY, B.S., HAROLD HERMAN, B.S., ALBERT CRAWFORD HERRING, A.B., WILLIAM STEURER-STUMPF HORTON, ERASTUS MEAD HUDSON, B.S., HAROLD THOMAS HYMAN, A.B., EDMUND WALDEMAR ILL, B.S., HAROLD JOSEPH ISAACS, CHARLES HARVEY JEWETT,† ARTHUR AUGUST JOHNSON, EMANUEL M. JOSEPHSON, B.S., JULIUS KAUFMAN, JOHN JOSEPH HONAN KEATING, A.B., JEROME LUDWIG KOHN, A.B., JACOB LATTMAN, B.S., JOSEPH ARTHUR LAZARUS, B.S., THOMAS HAIGHT LEGGETT, JR., B.S.,† JOSEPH MORRIS LINETT, JAMES A. LYNCH, JR., A.B., LAWRENCE VOSBURGH LYONS, GORDON BURNETT MCFARLAND, A.B., STUART ELLSWORTH MANDEVILLE, LAZARUS MARCUS, A.B., HAROLD LEE MEIERHOF, A.B., WALTER VAN OLINDA MOORE, A.B., FREDERICK HOLTON MORRISON, A.B., JOHN LOUIS NICHOLAUS, A.B., GEORGE HENRY NOBLE, JR., B.S., RAYMOND THORNTON POTTER, B.S., WILLIAM KENT PUDNEY, HENRY JOHN PYLE, A.B., GEORGE HERBERT RAMSEY, A.B., ELIAS RAPOPORT, A.B., FRANKLIN WILSON RICE, B.S., ATTILIO ROBERTIELLO, PH.C., RONALD BACON ROGERS, DAVID M. ROTHENBERG, A.B., LOUIS MACCABEE RUDERMAN, A.B., EMANUEL SALWEN, B.S., JOHN OSWALD SIBBALD, C.E., SAMUEL SILBERT, GUSTAV ALBIN SODERSTROM, A.B., SAMUEL SOLOVEI, JOSEPH BENJAMIN STENBUCK, A.B., MAURICE JACOB STRAUSS, A.B., THEODORE HIGGINS SWEETSER, B.S., JOHN MOORHAJ TAMRAZ, B.S., EARL EDWARD VANDERWERKER, B.S., LEONARD MARSHALL VINCENT, B.S., FREDERICK HERBERT VON HOFE, EDWARD RICHMOND WARE, A.B., JOHN JACOB WESTERMANN, JR., A.B., PARK JERAULD WHITE, JR., A.B., IRA WILENS, B.S., JOHN ALBERT WILSON, B.S., CARL WURM, JR., B.S., JOSEPH YAMPOLSKY, A.B., FREDERIC DAVID ZEMAN, A.B.

## LAW

*Bachelor of Laws.* RICHARD PETER ABELE, A.B., OTIS HILL ADAMS, A.B.,† COPLEY AMORY, JR., A.B.,† EARL APPLEMAN, A.B., CARL JOSEPH AUSTRIAN, A.B., MORGAN SMILEY BALDWIN, A.B., BENJAMIN HILSDON BARTHOLOW, A.B., LOUIS BECKER, PH.B., A.M.; WILLIAM HART BELLINGER, A.B., ALFRED CLARENCE BENNETT, A.B., FRANK AMBROSE BERNERO, A.B., SHERMAN M. BIJUR, A.B., GEORGE MARSHALL BILLINGS, LITT.B., LEO MULFORD BLANCKE, A.B., EDWIN MILTON BOHN, A.B., CHARLES WOOD BOWEN, PALMER BRADNER, A.B.,† EDWARD GEORGE BURGHARD, A.B.,† JOHN PAUL BURLEIGH, B.S., FRANCIS PATRICK CALLAHAN, A.B., TOWNSEND LAING CANNON, A.B.,† HIRAM BEACH CARPENTER, A.B.,† JOHN TILNEY CARPENTER, A.B., HAROLD HILL CASSIDY, A.B., ROBERT WATSON CLAIBORNE, A.B., ALBERT TUTTLE CLARK, A.B., SAMUEL COLEMAN COHEN, A.B., BENJAMIN ALLISON COLONNA, B.S., GEORGE RAYMOND CONYBEARE, A.B., RAYMOND EUGENE COOK, A.B., A.M., JOHN HARDING COWAN, A.B., LAURENCE ALDEN CROSBY, A.B., FREDERIC CUNNINGHAM, JR., A.B., WALDEMAR NATHANIEL DANNENBURG, A.B., GILLESPIE BLAINE DARRAH, A.B., A.M., JOSEPH FRANCIS DEEGAN, A.B., EDWARD I. DEVLIN, JR., A.B.,

† February, 1917.

ARTHUR KING DOWD, A.B., BEVERLEY DUER, A.B., JAMES DONALD DUNCAN, A.B., JAMES OGDEN DWIGHT, FERDINAND EBERSTADT, A.B., ERNEST HAROLD EDINGER, A.B., SETH VICTORIUS ELTING, A.B., ALBERT HEMAN ELY, JR., A.B., WATSON CASE EMMET, A.B.,† THOMAS LELAND ENNIS, B.S., JOHN FAIRHURST EVANS, A.B.,\* HARRY LAMBERT FILER, A.B., FRANK CYRIL FISHER, A.B., STREETER BLANTON FLYNN, A.B., ADRIAN LEE FOLEY, A.B., GILBERT FORBES, A.B., WALTER SCOTT FORSYTH, A.B., LEE REYNOLDS FRANCIS, A.B., CASPER IRA FUNKENSTEIN, A.B., EUGENE MORRISON GOODBAR, A.B., PHILIP GOODSTEIN, B.S., HENRY GOTTGRETU, JR., A.B., JEROME DOCTOR GUTHMANN, A.B., PAUL M. HAHN, A.B., HARVEY BARTON HARTSOCK, A.B., WILLIAM AUGUSTUS HARTZ, A.B., LL.B.,\* ARTHUR HENRY HAYUM, A.B., HENRY SOLOMON HENDRICKS, A.B., ROBERT EDWARD HENDRICKSON, A.B., JOSEPH LISTER HILL, A.B., LL.B.,\* JENKIN RYLANDER HOCKERT, B.S., HENRY FRANK HOLTHUSEN, A.B., LL.B.,† CLAUDE ALLISON HOPE, A.B., LOUIS HUTHSTEINER, B.S., WERNER REGINALD ILSSEN, A.B., FRED INGRAHAM, JR., LITT.B., ALMET FRANCIS JENKS, JR., A.B., EARL EVERETT KEYES, A.B., MORRIS HENNING KLEBAN, A.B., PAUL HENRY KLINGENSTEIN, A.B., DANA RODMAN KOONS, A.B., DAVID KRAUS, A.B.,† ROBERT BENSON KUYKENDALL, A.B., JOHN ALEXANDER LAIRD, LITT.B., GILLET LEFFERTS, A.B.,† CHESTER FREDERICK LEONARD, A.B., GEORGE DEFORD LORD, A.B., HURLBERT MCANDREW, A.B., BENJAMIN BERNARD MCCORMICK, JAMES MCKOWN, JR., A.B., ROBERT LEROY MCMILLAN, A.B., A.M., EDWIN COLYER MCNEIL,\* ADELBERT CONWAY MABY,\* DONALD MACKENZIE, A.B., BERTRAM HIRSCH MAUTNER, LITT.B.,\* CLARENCE COIT MELENEY, A.B., M.C.S., JAMES LAWSON MELIZER, A.B., MAXWELL HENRY MERNSTEIN, JOHN HENRY MOTTOLA, A.B., JAMES ADAM MURPHY, B.S., WILLIAM ROBERT MURRIN, A.B.,\* ALCOTT NEARY, A.B., HOWARD ARTHUR NEELY, A.B., WILLIAM MORRIS NEVIN, B.S., FRED WHITLOCK NEWMAN, A.B., JULIEN WHITLOCK NEWMAN, A.B., HENRY WILLIAM NICHOLS, 3RD, A.B., VICTOR NICHTHAUSER, A.B., ALFRED WEIL NOREK, B.S., VINCENT JEROME O'REILLY, A.B., ROBERT WILLIAM OWENS, JR., CHARLES CALLAHAN PERKINS, A.B., GEORGE FELTER PHILIPS, A.B.,† IVAN EDMUND POST, A.B., MURRAY TOWNSEND QUIGG, A.B.,\* JOHN ARTHUR RADELOFF, A.B., ALFRED ERNEST RAIA, A.B., ROLAND LIVINGSTON REDMOND, A.B., MARTIN JOHNSON REMSEN, A.B., RICHARD REMSEN, B.S., MILTON HAROLD REUBEN, A.B., LOUIS HERBERT REUTER, A.B., JULIAN RICE, B.S., ROLAND ROGERS RIGGS, A.M., DENTON DWIGHT ROBINSON, A.B., JAMES MCKINLEY ROSE, A.B.,† FELIX METZGER ROSENSTOCK, A.B., WILLIAM JOSEPH ROSENTHAL, A.B., HARRY ROTKOWITZ, A.B., LEON SAMUELS, A.B., LOUIS MAURICE SCHATZ, A.B., JOHN WILLIAM SCHOENFELD, RALPH WENTWORTH SCOTT, B.S., ALLAN RAMSEY SHEPHERD, A.B., HOWARD BENTLY SHOFNER, A.B., LIVINGSTON LYMAN SHORT, A.B.,† BENJAMIN EDWARD SHOVE, A.B., JUAN SILVA, CHARLES CLOYES SMITH, A.B., JOSEPH CLOVIS SMITH, PH.B., CYRUS FIELD SMYTHE, ALEXANDER WHITE SPENCE, A.B., WARREN T. SPIES, A.B., BERNARD STEINMAN, JAMES COLLINS STEPHENS, B.S., STODDARD MORE STEVENS, JR., A.B., KENNETH EVANS STOCKTON, LITT.B.,† JOHN WINDRUM STRAHAN, B.S., JACOB JULIAN TASHOF, A.B., SYLVANUS MARTIN THOMAS, A.B.,† THEODORUS MCLEOD THORBURN, A.B., MINER WORTHINGTON TUTTLE, A.B., DURAND HALSEY VANDOREN, A.B., RICHARD STORRS VANINGEN, A.B., EDWARD ADOLPH VOSSELER, A.B., RAY MATTOX WALKER, A.B.,† HARRY REID WALTMAN, A.B., WATSON WASHBURN, A.B., JAMES CUMMING WEBSTER, FRANK LEOPOLD WEIL, B.S., COLLEY EUGENE WILLIAMS, REGINALD BOBBIT WILLIAMS, LL.B., RICHARD HOOKER WILMER,

\* October, 1916. † February, 1917.

A.B., WALTER JACOB WOLF, A.B., JOHN CRAWFORD WOODEN, A.B., GREY HUNTINGFORD WYMAN, A.B., JOHN JASPER YOWELL, A.B., LEONARD STORY ZARTMAN, A.B. [165].

## SCIENCE

*Engineer of Mines.* CLIFTON THOMPSON ARMSTRONG, PHILIP BERG, HOWARD BIRKETT, HOWARD GRENVILLE BOHLIN, HENRY S. BURNHOLZ, PERCIVAL DEWEEES BROWNING, A.B., MAX MÜLLER DIXON, LITT.B., HEWITT ONDERDONK FEARN,† CORNELIUS KELLEHER, THOMAS BIRCHARDE KENVIN, WALTER PETER KLUGESCHIED,\* HERBERT MACMILLAN, EDEL MOLDENKE, ROBERT VAN ARSDALE NORRIS, JR., PH.B., VAN DYNE PELL,\* CHARLES LORENZ PETZEL, JOHN MALCOLM SCHLOSS, JAMES AKIN THOMAS, JR.,\* LOUIS S. UNGER,\* TORREY HORD WEBB, FRANCIS DESALES WELSH, HOWARD WILLEY. [22].

*Metallurgical Engineer.* A. WALLACE GIBSON, RICHARD PAUL ERNST HERMSDORF, WILLIAM B. SOMMERVILLE, JR. [3].

*Civil Engineer.* RUDOLPH WILLIAM ACKERMAN, HAROLD WETMORE BEYER, RALPH E. BILLSBORROW, ROBERT BORSUK, EDWARD JAMES BOYLSTON, HERBERT FULLER BUTLER, MOSES DAVID FRIEDBERG, EMANUEL GERSCH, HENRY GOLDFINGER, RAYMOND BOYD JAUSS, SAMUEL HENRY KLEIN, ALEXANDER E. KLUPF, SAMUEL H. KNOPF,\* JOSEPH IRVIN LEVY, GEORGE JONAS LEWIN, VIRGIL VINCENT MCKENNA, THOMAS GEORGE MACCARTHY, MORRIS MESSING, DAVID WILLIAM MILLER, ROBERT KING MUNROE, GEORGE FREDERICK ORTHEY,\* HERBERT MARTIN PALMER, FREDERICK ARTHUR RENARD, MORRIS ROSENSWEIG, SARSFIELD JOSEPH SHERIDAN, MORRIS STEIN, B.S., HECTOR TAMBURRELLI, PHILLIPS BRANCH TARTT, ROBERT ALEXANDER THOMSON, ARTURO TINOCO JIMENEZ, A.B., MALCOLM WALSH, EDWARD FRANCIS WEISKOPF, SAMUEL CHARLES YOKELSON. [33].

*Electrical Engineer.* ERNEST VALENTINE AMY, CHANNING WHEELER BAXTER, EDWARD FREDERICK WILLIAM BECK, EDGAR PETER BROE, PHILIPPE JUSTUS PAUL CHASTAGNER, BYRON RAY CUMMINGS, GEORGE JACOB ELTZ, JOHN FOWLER, LIONEL JAMES JACKSON, THEOPHILUS JOHNSON, JR., FRANK KING, HARRY KLEIN, FREDERICK KUHLEN, JR., M.E., WALTER S. LEMMON, WALTER LEON MITZENIUS, OSCAR BLAIR MYERS,\* JOSEPH GRAHAM PRINGLE, WALTER HENRY SAMMIS, CHARLES SPIEGLER, B.S., PHILIP SPORN, FRED IRVING STARBUCK, ISIDOR MEYER TESSOHN, GEORGE WASHINGTON VAUGHAN, JR., WILBUR SOUTHWOOD VAUGHAN, GEORGE WILSON. [25].

*Mechanical Engineer.* VICTOR NATHAN BARTON, GEORGE FREDERICK BATEMAN, B.E., ROBERT COLSTON, JESSE JORDAN GARDNER, B.S., FREDERICK CHRISTOPHER GATJE, HARDING UPDIKE GREENE, DONALD HAGEMAN, JAMES POLLOCK HAIGHT, WILLIAM MICHAEL HENRY, H. EDWARD HILDEBRAND, HENRY EDWARD HOCHETTE, EDWARD CONOVER JACKSON, GEORGE HENRY JOHN, JR., JOHN LOUIS KRETZMER, JAMES JOSEPH LANZETTA, ROY ELMER MCINTOSH, JAMES GEORGE MANNING, WILLIAM CHARLES MARQUARDT, STANLEY CLIFFORD MERRILL, LOUIS VICTOR PLACÉ, JR., JULIUS WILHELM SCHEDE, CHARLES WILLIAM SENGSTAKEN, GORDON EGBERT TUCKER, MAURICE WALTER. [24].

*Chemical Engineer.* EDWIN THOMAS ALLEN, JACOB BERSON, ALMON NEY BOWES, EARL CONRAD BRUECKMANN, LOUIS JULIUS ELLINGER, A.B., DANIEL FISHER, AARON FRIEDMAN, CARL ALBERT DANIEL FUNKE, ALFRED AUGUSTUS HALDENSTEIN, B.S., MARION LOTHROP HANAHAN, A.B., B.S., JAMES NEWTON HEATH, SIDNEY IERNE HOWELL, ROY LINCOLN HUNT, GEORGE JACOBSON, WILLIAM SHERMAN JOHNSTON, RALPH BRANDRETH KENNARD,\* HUGO KLADIVKO, JOHN MILAN KRNO, MORRIS LANDAU, LEO LIBERTHSON, PAUL MAHLER, MEYER MOSKOWITZ, LEON MASON MONELL, PH.G., PH.C., MAX MOSHER, B.S., GEORGE BERNARD MURPHY, B.S.\*

\* October, 1916. † February, 1917.

WILLIAM PINES, LEONARD GEORGE REICHARD, BENJAMIN SAUL, JR., ISADOR SILVERMAN, ADELBERT FORTUNATO SMITHERS, A.B., ABRAHAM NATHANIEL SOKOLOFF, JOSEPH SPRUNG, MEYER STONE, LEO TRUBEK, KENNETH STERLING VALENTINE, A.B.,\* ERNEST GANS WADEL. [36].

*Chemist.* HUGO GEORGE LOESCH, B.S. [1].

*Highway Engineer.* CARLYLE DRESSLER GEISLER, A.B. Univ. of Oregon 1915; MARION COLUMBUS HUCKABY, B.S. Louisiana State Univ. 1914; WESLEY DURAND TOMLINSON, Ph.B., Sheffield Scientific 1915. [3.]

*Naval Engineer.* LORAIN ANDERSON, U. S. Naval Acad. 1910; DONALD B. BEARY, U. S. Naval Acad. 1910; HAROLD STACEY BURDICK, U. S. Naval Acad. 1909; LYAH AMENT DAVIDSON, U. S. Naval Acad. 1910; CLAUDE SIXTON GILLETTE, U. S. Naval Acad. 1909; CHESTER CHARLES JERSEY, U. S. Naval Acad. 1910; TIMOTHY JEROME KELEHER, U. S. Naval Acad. 1908; WALLACE LUDWIG LIND, U. S. Naval Acad. 1909; FRANCIS GRANT MARSH, U. S. Naval Acad. 1910; EARLE CALVIN METZ, U. S. Naval Acad. 1910; WARREN LESTER MOORE, U. S. Naval Acad. 1910; CHARLES ALAN POWNALL, U. S. Naval Acad. 1910; ALSTON RAYMUR SIMPSON, U. S. Naval Acad. 1910; HERBERT WHITWELL UNDERWOOD, U. S. Naval Acad. 1910; FRANKLIN VAN VALKENBURGH, U. S. Naval Acad. 1909; JOHN HOWARD WELLBROCK, U. S. Naval Acad. 1910; JAMES BOTHWELL WILL, U. S. Naval Acad. 1910. [17].

## ARCHITECTURE

*Bachelor of Architecture.* FRANK W. BAIL, PHELPS BARNUM, A.B., MAITLAND BELKNAP, Litt.B.,† HAROLD TICE BRINKERHOFF, B.S., ALLAN BURTON, B.S., BIRGE MALCOLM CLARK, A.B., DOROTHY HANNAH COX, MURRAY HOFFMAN, A.B., LOUIS PETER JOSSE RAND, B.S., ROBERT CHARLES KILBORN, ALLAN PARKER MCFARLAND, A.B., Ph.B., J.D., ALFRED KENNAN MAUSOLOFF, SHERLEY WARNER MORGAN, A.B.,† ALEXANDER COCHRANE ROBINSON, 3RD, A.B., EDGAR ALLAN SALOMONSKY, B.S.,\* WALTER HAROLD SANDS, B.S., WALTER L. WARD, Litt.B., ROLLIN CRAWFORD WILCOX, A.B., WALTER FEASEL WILSON, A.B. [19].

*Certificate of Proficiency.* EARL GORDON BROWN, JOSEPH LEVY, JR., HOWARD BLACKSTONE PEARE, JOHN SKEER RUDD, HENRY E. SCHWARZ, IRVING A. SEELIG, CARL SNYDER VAN NAME,\* FREDERIC HUNTLEY WAYCOTT, JR. [8].

## BARNARD COLLEGE

*Bachelor of Arts.* GERTRUDE ADELSTEIN, CAROL ARKINS, DOROTHY HELEN BAUER, HELENE CLARA BAUSCH, *cum laude*, ELSA MARIA BECKER, RHODA WILLIAMS BENHAM, RUTH LOUISE BENJAMIN, SARAH ISABEL BENNETT, ALICE RHEINSTEIN BERNHEIM, PAULA CECILIA BERNHOLZ, PHEBE ELEANOR BREMER, LINA BRODSKY, DOROTHY MARIE BRYAN, ADELAIDE DELAMORE VIRGINIA BUNKER, LUCIE EMILIA BURG, ALICE CURLEY BURNS, BEATRICE BURROWS, HELEN CALLAN, HELEN BROWNE COLLINS, MINNIE CECILIA COOK, HELEN BREWSTER COULTER, DOROTHEA ESTELLE CURNOW, IRENE ELIZABETH GERTRUDE DALTON,† EVELYN MARIE DAVIS, *cum laude*, GERTRUDE AGNES DEARDEN, CATHERINE DERIVAN, BABETTE DEUTSCH, HILDEGARD DIECHMANN, GRACE DIERCKS, OLIVE LORINNE DUNN, MARY JOSEPHINE DWYER, RUTH BATHURST EDMONDSON, ROSE ELLIS, MARY LILLIAN ELY, *magna cum laude*, ALICE DEVERMANDOIS FRANK, CORNELIA THROOP GEER, *cum laude*, ELIZABETH GILBERT, JULIA GOTTLIEB, ETHEL COMFORT GRAY, HELEN MARIE GUNZ, LENORE GUNZENDORFER, CLARA SYLVIA GUTHRIE,† IRMA HAHN, EDITH CRARY HALEY, *cum laude*, AMELIA AGNES HALL, ELIZABETH BIGELOW HALL,\* MARJORIE MITCHELL

\* October, 1916. † February, 1917.

HALLETT, PAULINE HATTORFF, EUGENIE CAROLINE HAUSLE, *cum laude*, MARION FESSENDEN HAYDEN, SYLVIA SARA ROSALIND HECHT, *cum laude*, ANNA CATHERINE CAROLINA HERMANN, THERESE HIEBEL, *cum laude*, SOPHIE MARY HILDENBRAND, RUTH HASTINGS JENNINGS, RUTH JENSEN, *magna cum laude*, BALBINA ANTOINETTE JOHNSON, KATHERINE KAHN, HELEN JANET KAHRS, RUTH EDNA KANNOFSKY, LUCY ELIZABETH KARR, VIRGINIA GLADYS KENNARD,† HELEN BOWERS KETCHAM, MARION KIDD, ELMA JEAN KLOPPER,\* MARIE KATHERINE KOCH, GERALDINE KRAUSE,† MARION AUGUSTA LAFOUNTAIN, ROSEMARY GERALDINE LAWRENCE, MINNA LEDERMAN,† DOROTHY FLAGG LEET, HELEN WINSOR LEET, FLORENCE OPPENHEIMER LEHMAIER, KATHARINE LEONARD, SADIE BEATRICE LEWIN, GULLI LINDH, *cum laude*, RUTH HELEN LIVINGSTON, MARIETTA CREED LOTT, BEATRICE LOWNDES, ALICE PETERS LUCKINGS, DOROTHY LYDECKER, MARGUERITE MACNAIR, DORIS MADDOW,\* CATHERINE CECILIA MADIGAN, ELIZA BUCKNER MARQUESS, CHARLOTTE MARTENS, LEONORE MAYER, HELEN MAYHEW,† GRACE RICHARDSON MERRITT, *cum laude*, IRMA HARRIET MEYER, MAUDE OLIVE MINAHAN, EDITH PERCY MORGAN, MARGARET MAR MOSES, ELLA MUNTER, CLARA DOROTHEA NEUBAUER, DOROTHEA NOICE, ELSIE WIKOFF OAKLEY, SARAH ORIGGI, GLADYS LOUISE PALMER, CLAIRE PATTERSON, META RUTTER PENNOCK, GRACE AQUILAR PICHEL, ALINE POLLITZER, LUCY DUBOIS PORTER,\* ANNET MUNGER PRITCHARTT, KATHARINE QUACKENBOS, HILDA RAU, ADA CHREE REID, SABINA ROGERS, ETHEL ROSENSWEIG, ALMA GLADYS RUHL, *magna cum laude*, AGNES SABELSON,\* ELINOR ALEXANDER SACHS, *cum laude*, EVELYN SALZMAN, AGNES MOCKLER SAUL, WILMA ADELE SOURS, JANE GILBERT STAPLES, MIRIAM STEIN, DOROTHY STERN,† MARION MARJORIE STEVENS, GEORGINA IDA STICKLAND, *cum laude*, MARION WEBB STRAUCH, MARION STRUSS, MARY VANDEVENTER TALMAGE, VIOLA IRENE TEEPE, MURIEL KATHLEEN TERRY, ALTA LOUISE VAN AUKEN, EDITH HARRIET VAN WAGNER, KATHARINE MARIE WAINRIGHT, BEATRICE WALKER, RUTH WHEELER, ELEANOR AGNES WILKENS, OLIVE ETHELYN WILLIAMS, FRIDA KATHERINE WOBBER, ELSA WOITITZ ELIZABETH WRIGHT. [136].

*Bachelor of Science.* ELSE ANNA SOPHIE BARTHEL,\* MARIE CHABAUD, SELMA COHEN, ANITA FRENZEL, ANNA JABLONOWER, *cum laude*,† HELENA FRANCES KENT, IDA KLAUSNER, FRANCES KRASNOW, *magna cum laude*,† MARGARET ELIZABETH LENNON, ESTHER MAHLKA LEWIS,† EDNA WATTS PRITCHARD, LILLIAN AUGUSTA SCHAEFFER, LILY SCHLANG, FANNY ANNICE SIEGEL, FRANCES SIEGEL,† MIRIAM SIFF, HELEN WIESNER STOCKBRIDGE, AGNES MASON SURGEONER, FLORENCE WEINSTEIN, ISABELLE CONKLING WILLIAMS. [20].

## EDUCATION AND PRACTICAL ARTS

*Bachelor of Science in Education and Bachelor of Science in Practical Arts.* ELEEZA CLARIBEL ABLAHADIAN, STELLA ACKLEY, E. LOUISE ADAMS, ALIMAE AIKEN,† AGNES CECILIA ALLAN, THURMA MARGUERITE ALLEN, MARGARET DEMAREST ANDERSON, MARGARET E. ANDERSON, ANNA E. ARNOLD,† LUCY ELIZA ASKAM,† GRACE J. ATCHINSON, HARRIET PATTERSON BACHE, ALBA BALES, OSCAR OGILVIE BARR, GEORGIA MAY BARRETT, BARBARA HAECKER BARTLETT (MRS.), HANNAH SUSAN BATES,\* SUSAN HOPKINS BEAN, CLARA C. BECKER, CAROLINE A. BECKERS, EDITH E. BEECHER, ALICE FRANCES BELL,† ELIZABETH HAWLEY BEMENT (MRS.), MABLE KATE BENNETT, MAUDE THORNELL BERGEN, CONSTANCE BERRY, HELEN BETTS, MARGUERITE BIERY, BEULAH BLACKMORE, VEVIA BLAIR, ELIZABETH HALLAM BOHN, EDITH BORTMAN, LORETTA ANNE BRADY,\* RALPH BREILING, RUTH REGINA BRENNAN,† ETHEL M. BRISTOL, RUTH LOUISE BRISTOL, LEILA E. BROUGHTON, BEULAH

\*October, 1916. †February, 1917.

MAY BRUNNER, A. MARGUERITE BRYAN, OLGA BYRON, BLANCHE EDNA CAMPBELL, ELIZABETH CAMPBELL, FLORENCE CARLING, KENNETH VINCENT CARMAN, HELENE CARTER, ERICA CHRISTIANSON, LILLIAN JOSEPHINE CHRISTIE, NANCY J. CHURCH,\* MARION G. CLARK,\* MARY FARNUM CLOSS (Mrs.), ALMA JOHANNA COHEN, MARY RUTH COHEN, MARY CHANNING COLEMAN, EVA COMEGYS, MARY KATHERINE CONRAN, HOPE COOLIDGE, GENEVIEVE COONEY, VERLE FRANCES COPPENS,† MARTIN JOSEPH CORCORAN,\* GRACE CATHERINE COYNE, GEORGE WILLIAM CRAIG, LELAH CRABBS, JOSEPHINE CLEMENTINA CRAMER, EVA MILDRED CRANE, ANNIE ELVINS CROWELL, FLORENCE ELIZABETH CULVER, BESS CURTIS, JOHN MORRISON CURTIS, CARMEN DE GOENAGA, BERTHILDE S. DESPRES, MILDRED DITMARS DEVEREUX, MAY PEARL DE ZELLER, ELEANOR CATHERINE DIEHL, ORLISTA LILLIAN DIKEMAN,\* MARTHA DABNEY DINWIDDIE, ANNIE STILLMAN DIX,† EDITH DEBORAH DIXON,\* PERMELIA MURNAN DOTY, BARBARA DU BOIS, ELLEN DU BOIS,† HELEN CAROLINE DUNN, ALICE EASTERLING, KARL WILHELM EBELING, RAVENNA PEARL ECKELS, ELIZABETH W. ELLIOTT, MARY JOSEPHINE EMENDORFER,\* ARTHUR WEBSTER EMERSON, ELSA JOSEPHINE ERIKSON, MARGARET BINFORD EVANS, ISABELLE GUNN FERRY, VERONIKA MARGARETHE FJELDE, PERCY NICHOLAS FOLSOM, ELEANOR BRYNBERG FORMAN, CLARA FORTE, MARTHA FRANK, ADDIE COBURN GALE, ANNA KATE GARRETSON, FLORENCE MARY GARVEY, FLORA M. GATH,† ALMYRA MATHER GAYLORD, MADELINE MILLER GEBRAETZ,† ANNE GEORGE, FRANCES E. GERBER, BESS GILL, LAURA GILLMORE, CHRISTINE GLASS, FRANCES ADELE GODDARD, MOLLIE GOLD, CLAIRE ELIZABETH GOLDSMITH, CLARENCE STODDARD GOLDSMITH, HELEN CRANDALL GOODSPEED,† ANNA GOULET, FRANCES GRANDIN, CAROLYN E. GRAY, MAMIE R. GREENBAUM, MARGARET H. GREENE,\* LOUISE ROBBINS GRIMES,\* ROSE CAMILLA GRIMES, DANIEL FRANCIS GUINEY, JOHN BERNARD GUINEY, EDNA ESTHER HAINES,\* MARY HALL, KATHARINE ROSE HALLOCK, WARREN WEBB HALSEY, MARIAN HAMILTON, ROBERTA ELIZABETH HARDING, MARJORIE S. HARRINGTON, LOVINA BELLE HART,\* EDMOND E. HARTNETT, EDITH MAUDE HAWKINS,† ISAAC HECKELMAN,\* MARIE HENNES, ELIZABETH DE MAIN HENRY, LOUIS A. HERR, ELLA F. HERRE, EDDYTHE PAULINE HERSHEY, ELSIE ESTELLE HESSLER, ELMA IRENE HEUMANN, EVELYN WOLFE HEWITT, KATHARINE HELEN HICKS,† NANNIE M. HIDDEN, LOUISE BILES HILL (Mrs.),\* HERMAN HJORTH, EDITH MAY HOFFMAN, ELLA JOSEPHINE HOLLEY, THOMAS WELLS HOPKINS, JEAN HOSFORD, CLARINE ISABEL HOYT, JULIA MARY HUBBARD, HELEN HUBBELL, LILLIAN A. HUDSON, ALICE O. HUIE, KATHRYN HUNTER, JANE EARL HYDE, SARAH E. HYDE, EVELYN SLOANE INGLIS, KATHARINE S. INK,\* ELIZABETH IRVINE, LAURETTA JAMES, ADELAIDE ISABELLE JOHNSON, EMMA JOHNSON, ELEANOR KING JOHNSTON, ELIZABETH JONES, HELEN EVELYN JONES, FRANCES L. KANE, MYRTLE LOUISE KAUFMAN, LUCY KIMBALL, HELEN MURRAY KIRWAN,† DELIA CHRISTINE KLING, LOUISE LAITEM,\* AGNES COURTNEY LANGDON,† HELEN CHARLOTTE LANTZ, JESSIE L. LARKIN, DOROTHY MARGUERITE LA SALLE, LOUISA HAVEN SHEAFE LAWTON,\* MARK ROCKWELL LEFFLER,\* MARGARET ARCENIA LEMON,\* EDLA MARIE LINDHOLM, RUHE V. LINN, ANNA MARIE LOVE, MARIE LOVSNES, ETHELWYN LOWRY,† CORNELIA BARTLETT LUCE, MARGARET EULALIA MCADORY, MARION HELENE MCALLISTER, BERTHA KATHARINE MCCARTHY, PEARL LOUISE MCCLOSKEY,\* ALLAN CONOVER MCDILL,\* EDWARD GLENN MCGHEE, JR., JANE LOUISE MCGRATH, JOE FRANK MCKEEHAN, JULIE CONNELLY MACINTYRE, LYDIA E. MACKNIGHT (Mrs.), MARGARET PARVIN MASTERS,\* RUTH EVANS MATHES (Mrs.), SUSAN JOSEPHINE MATHEWS, JESSIE MAVER, GLENN SAMUEL MAYER, CHARLES HENRY MEEKER, ANNA MARGARET MEGAHAN, AMY MEINHOLD, BURR JAY MERRIAM,\* HERMINE W. MEYER, BLANCHE

\* October, 1916. February, 1917.

M. MILLER, MALINDA KATHARINE MILLER, MARGARET SAWYER MILLER, MARY CLARA MILLER,† FRANCES SERCOMBE DOROTHY MIX, FLORA LEONE MOORE,\* MYRLA MORRIS,† ZELLA HARRIET MORRIS, LAURETTA ISABEL MORRISSEY,\* KATHERINE LORETTA MORRISSEY, N. CATHERINE MORRISSEY, MARDIROS H. MOUSIGIAN, REBECCA MUENDEL,\* ANNA LEONA MURPHY, GEORGIA B. MURPHY,† CLEO MURLAND,† CARRIE LOIS NEIDY, WINNIE NICHOLS, BELLE NORTHRUP, SARA LINHARDY OLLER, CHARLOTTE O'NEIL, EDGAR RAYMOND O'NEILL, ETHEL M. ORR,\* DOROTHY OSBORN,\* JUNIA ROBERTS OSTERHOUT, GERTRUDE M. PEENE, BLANCHE PFEFFERKORN,\* MARTHA JONE PHILLIPS, LAURA WILMA PIERCE, CARRIE M. PIMM, REGINE PORGES, FANNY ELIZABETH PRAY, LEAFFA LAURA RANDALL,\* LULA ADELINE REED,\* IRENE ELIZABETH REYNOLDS, ALICE REBEKAH ROBINSON,\* ETHEL MARIA ROBINSON, ANNA MILDRED ROCHEFORT, MAMIE EULAH ROHR, SIGMUND JACOB ROME, ROSE ROSENFELD, HELEN AUGUSTA ROSS, SARA LOUISE ROWE, LAURA LORETTA ROWSON,\* IDA O. RUDY, CLARA BATES SACKETT,\* ELIZABETH SAGE,† ERNESTINA SALIVA, MIRA SARGENT, ALPHONSE JOSEPH SARRÉ, LUCY SOMERVILLE SAUNDERS,\* RHODA SCHELLENBERG,† RUTH SCOTT, ELIZABETH SEARLE, ELIZABETH SEIFERD, BEATRIX ANGELA SEPULVÉDA, VIRGINIA FITZHUGH SHEARER, WILLIAM KARAKIN SHERINYAN,\* BLANCHE ALBERTA SKINNER, FRANCES BECKWITH SKINNER,\* ANABEL SMITH, ESTELLE HOWES SMITH (MRS.), ISLA VIRGINIA SMITH,\* FLORA BELLE SNOWDEN,† EDNA ISABEL SPARKMAN, ETTA R. SPIER, A. MAUD SPROAT,\* HELEN LOUISE STALL, ADDA MABEL STARRETT, HELEN LOUISE STEPHENS, LENORE STEPHENS, ELIZABETH MARY STEVENS, JUDSON LLOYD STEWART, FRANCES STOBAUGH, WESLEY A. STOCKINGER,\* EDNA M. STOCKTON,\* HARRY SUCHMAN, MABEL ANNA TALLANT, FRED MAURICE TAYLOR,\* MARGARET E. TAYLOR, ELIZABETH M. TEAS, JOHN GRANT THOMPSON,\* ELSIE HUNTING THRALL, ELEANOR DAVISON TOAZ, NELLIE A. TOWER\* GRACE TOWNLEY,† ELINOR BUSHNELL TOWNSEND, MAY TRUMPER, ELIZABETH TULLER, MYRA VANCE,\* LEONORA PAULI VANDER SLOOT, MARGUERITE VON DER AU,† FORREST C. VAN HORN, GRACE LUCILLE VAN SYCKLE, M. MADILENE VEVERKA, MARGARET VIERLING, GILBERT CHARLES GEORGE WAGNER,\* HELEN GERTRUDE WALKER, ALICE CLORINDA WALTON, MARY FRANCES WARREN, SARAH JANE WEBER, ANNA ELEANOR WEBSTER, JESSIE WEDIN, DEBORAH DELP WEISEL, LOUISE M. WELLES,† JANE BETSY WELLING, MARIAN JOSEPHINE WESLEY, LILLIAN WHALEY,\* AMELIA URSULA WHEELER,† LUELLE N. C. WHITAKER, BLANCHE SHELTON WILHITE,\* LILIAN WILLIAMS, LOUISE MARY WILLIAMS, MILDRED NEWCOMB WILSON, MINNIE J. WILSON,\* ADELAIDE JAROS WISE, DORIS OSTROM WOODBURY, RUTH V. WOODBURY, ANNIE JOSEPHINE WORKMAN,† HENRY YUNGERMAN, DOROTHY ZEMAN, ELSIE CLARISSA ZIESE. *Addenda to 1916.* CLAY CONLEY CURRAN, S. MARIE JENSEN. [326+2].

Diploma in Education: *Awarded in connection with the degree of Doctor of Philosophy: Instructor in Education.* ELBERT KANTLEY FRETWELL, AGNES LOW ROGERS, FREDERICK STEACY.

Diploma in Education: *Awarded in connection with the degree of Master of Arts: Superintendent of Schools.* FRANK E. ALDER, CARL ARTHUR ANDERSON, D'ARCY C. BARNETT, RAYMOND DARLING BENNETT, JEROME HAROLD BENTLEY, HERBERT FRANCIS BLAIR, CARL CHURCHILL, ARTHUR WILBUR CLEVINGER, JOSEPH ALBERTON CROWELL, EDWARD P. CURTIS, FREDERICK NORMAN FRITS, AMBROSE JUNIOR FRY, JOHN LEONARD GAUNT, FRANK ARTHUR HENDERSON, LINVILLE MORAN HOLTON, CHARLES BENONI HUDSON, CLAES LEONARD HULTGREN, FRANCIS M. HUNTER, FRANCIS XAVIER KARRER, HARVEY HEZEKIAH KENYON, LEROY ALBERT KING, BERTRAM E. KOONCE, HERCULES LEE KOONTZ, JAMES ALVA KOONTZ, SAMUEL HERRICK LAYTON, JOHN EVERT LUIDENS, ARCHIBALD ARNOTT McDONALD, ROBERT LEON

\* October, 1916. February, 1917.



MECKS, NIELS KRISTIAN NIELSON, WILLIAM DAVID OLSON, FRANK WALTER REINOEHL, ORR EDGAR REYNOLDS, DU FAY ROLL RICE, JOHN GUISE ROSSMAN, RAY KENYON SAVAGE, ROBERT CHARLES SCHWAN, ROY LEE SHAFFER, CHARLES FORREST SHARP, ARTHUR RUSMISSELLE SPAID, CHARLES ELMO STAILEY, WILLIAM HENRY STEEGAR, HARRISON GILBERT STREETER, EUGENE TUTTLE, WILLIAM T. WHITNEY, CHARLES LORRAIN WILSON, MANFORD RONES WOODLAND.

*Principal of High Schools.* BARCLAY WHITE BRADLEY, NELSON ABRAHAM JACKSON, ARTHUR CHARLES JOHNSON, JR., DANIEL FRANCIS KOUGHAN, JOHN CYRUS MITCHELL, HERBERT HOVEY MORRIS, CHARLES ELLIS TEETERS, CHARLES CARPENTER TILLINGHAST.

*Principal of Elementary Schools.* MARIETTA RILEY.

*Supervisor of Elementary Schools.* SUSIE BARNES, MARGARET COOPER, FLORA ELIZABETH DRAKE, ETHEL GOWANS, MARY DOWDELL PIERCE, ROSALIE POLLOCK, BURR DEXTER STRAIGHT.

*Supervisor of Kindergartens.* MARY ELIZABETH DOUGLAS.

*Teacher in Kindergartens.* MILA MANGRUM CEARLEY, GERTRUDE M. LEFEVRE.

*Adviser of Women.* KATHARINE FRANCES BALL, ETHEL HUME FLOOD, NELLE JOHNSON.

*Teacher of Education.* JAMES CAMPBELL BAY, ALICE LUCILE BUTLER, TSUNG HAI CHENG, FRANCES ERLE DE WET, FANNIE WYCHE DUNN, CHARLES MORRIS ELLIOT, FRANCIS WILLIAM GROSE, ALICE MARIE KRACKOWIZER, PING LING, MINNIE NEWELL MASON, CHARLES FREMONT NILES, MARY DOWDELL PIERCE, WILLIAM EDWARD SMYTHE, RILLA B. TAIT, FREDERICK CHARLES WALTERS, ELIZABETH KISSICH WILSON.

*Supervisor of Rural Education.* ETTA JOE MCCOY, FRANCES FOLSOM MCGUIRE.

*Teacher of Rural Education.* HAROLD F. COTTERMAN.

*Teacher of Biology.* MILDRED GERALDINE GREGORY, EMMA GERTRUDE ROGERS.

*Dietitian.* LOUISE FORBES NELLIS (MRS.).

*Supervisor of English.* RUTH MARY HARRIS, GENEVIEVE HAWK, ZETA COOK MAYHEW (MRS.).

*Teacher of English.* HELEN FRANCES BALL, ANNIE TATMAN BELL, RUTH ELMA BRADBURY, MARY ELIZABETH DAVIS, MABEL MURPHY ERWIN, ETHEL ESTELLE FINLEY, ALICE VIRA GEORGESON, FRANKIE DELPHINE HASKELL, JOSIE BELLE HERBERT, MABEL ANNA KIMBER, ELLA CANNON LEVIS, SYBIL HUNTINGTON MAY, JANET MARIE MOORMAN (MRS.), NETTIE MARTHA OWEN, ELLA HEATON POPE, RUBY POWELL, CARL W. REEVES, MONICA DOLORES RYAN, OLIVE LETITIA SIPPPELL, MARY CANICE SULLIVAN, ETHEL SHERWOOD WAKEMAN, HELEN ESTHER WANAMAKER,

*Teacher of Fine Arts.* JULIA MOREY BOYD, MABEL HAMILTON CRAWFORD, LOTTIE MAY.

*Teacher of French.* THORA MARIE FERNSTRÖM, MABEL HELEN GIRARD, ADELE GUREVICH (MRS.).

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*Supervisor of Latin.* ISABEL HAZEN.

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*Teacher of Mathematics.* SILVIO PELLERANO, HENRY HARRIS SHANHOLT.

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*Teacher of Hygiene and Physical Education.* KATHERINE BRENT DABNEY, EVELYN LOUISE HARING, MARJORIE HILLAS, EDITH E. JAMES.

*Teacher of Physical Science.* JOHN F. CONROY, GERALD SPELLMAN CRAIG, NATHAN GUSSOW, HARRY RALPH LICHTENSTEIN, CAROLINE ETHEL MACROBERTS.

*Supervisor of Religious Education.* BEDROS KEVORK APELIAN, FRANKLIN DEWEY COGSWELL, BURRITT CLARK HARRINGTON.

*Teacher of Religious Education.* BARBARA SOUTHWORTH HOWLAND, MARGIE ELIZABETH TOBIN.

*Master's Diploma in Education.* IRENE GERTRUDE BEARD, EDGAR S. COBB, OLGA CONSTANTINE TERZIEFF.

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*Designer and Interior Decorator.* JOHN MORRISON CURTIS, HELEN LOUISE STALL.

*Dietitian.* EDYTHE PAULINE HERSHEY, DORIS OSTROM WOODBURY.

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HOUT, NELLIA A. TOWER, MARGUERITE VON DER AU, LUELLA N. C. WHITAKER, KATHARINE WILLIAMS.

*Supervisor of Fine Arts.* CARRIE LOIS NEIDY.

*Teacher of Fine Arts.* ALIMAE AIKEN, LILLIAN JOSEPHINE CHRISTIE, FLORENCE E. CULVER, ALICE EASTERLING, ARTHUR WEBSTER EMERSON, MADELINE MILLER GEBRAETZ, ROSE CAMILLA GRIMES, MARJORIE S. HARRINGTON, EVELYN WOLFE HEWITT, MARGARET EULALIA McADORY, N. CATHERINE MORRISSEY, BELLE NORTHRUP, EDGAR RAYMOND O'NEILL, ROSE ROSENFELD, HELEN LOUISE STEPHENS, LENORE STEPHENS, FRANCES STOBACH, JANE BETSY WELLING, BLANCHE SHELTON WILHITE, LILIAN WILLIAMS, ELSIE CLARISSA ZIESE.

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*Supervisor of Industrial Arts.* KENNETH VINCENT CARMAN, MARTIN JOSEPH CORCORAN, KARL WILHELM EBELING, CLARENCE STODDARD GOLDSMITH, HERMAN HJORTH, GLENN SAMUEL MAYER, CHARLES HENRY MEEKER, DEBORAH DELP WEISEL.

*Teacher of Industrial Arts.* EDMOND E. HARTNETT, ISAAC HICKELMAN, THOMAS WELLS HOPKINS, LOUISA HAVEN SHEAFE LAWTON, ALPHONSE JOSEPH SARRÉ, WILLIAM KARAKIN SHERINYAN, JUDSON LLOYD STEWART, HENRY YUNGERMAN.

*Teacher of Latin.* FRANCES GRANDIN, ROBERT LEWIS OSSWALT.

*Supervisor of Mathematics.* VEVIA BLAIR.

*Teacher of Mathematics.* EVELYN MARIE DAVIS, MAY PEARL DEZELLER, DANIEL FRANCIS GUINEY, EUGENIE CAROLINE HAUSLE, GILBERT CHARLES GEORGE WAGNER.

*Teacher of School Music.* ELSA JOSEPHINE ERIKSON, ANNA GOULET, ELLA F. HERRE, HELEN EVELYN JONES, MARION HELENE McALLISTER, JESSIE MAVER,

BLANCHE M. MILLER, SIGMUND JACOB ROME, HARRY SUCHMAN, GRACE LUCILLE VAN SYCKLE.

*Superintendent of Nurses and Principal of Training Schools.* ALICE FRANCES BELL, FLORENCE EVELYN CARLING, SARAH E. HYDE, BLANCHE PFEFFERKORN.

*Instructor in School of Nursing.* STELLA ACKLEY, BLANCHE PFEFFERKORN.

*Teacher in School of Nursing.* KATHARINE S. INK.

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*Teacher of Religious Education.* ELEANOR B. FORMAN.

*Supervisor of Rural Education.* LUCY SOMERVILLE SAUNDERS, MADELEINE VERKA.

*Bachelor's Diploma.* MARY JOSEPHINE EMENDORFER, MYRLA MORRIS, ETHEL M. ORR. [427].

## PHARMACY

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## BUSINESS

*Bachelor of Science in Business.* ALONZO PLUMB BOARDMAN, SAMUEL LOVICH. [2].

## MASTERS

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NET, A.B. 1913; INA DEAN EDDINGFIELD,\* A.B. Geo. Washington 1915; CAROLYN LOUISE EGBERT, A.B. Smith 1915; JACOB EHRLICH,\* Chem. 1914; ADOLPH ELWYN, B.S. 1915; ALBERT HEMAN ELY, JR., A.B. Yale 1915; SADIE ENGEL, A.B. 1915; JOHN CLYDE ENK, A.B. Rutgers 1913; LOUIS EPSTEIN,† B.S. N. Y. Univ 1914; RUTH DORIS EVANS,\* A.B. 1915; CLARA EMERY EYLES; GIOACCHINO FAILLA,† E.E. 1915; CARRIE EVANGELINE FARNHAM, B.S. 1916; LESTER COLLINS FARRIS,\* A.B. Geo. Peabody 1910; HYMAN FELDMAN, A.B. C. C. N. Y. 1915; LAURETTA MAY FERGUSON, A.B. Michigan 1902; FRANK HALLIDAY FERRIS, A.B. Amherst 1914; B.D. Union Theol. Sem. 1917; MARTIN FINKELSTEIN, C.E. 1911, B.S. C. C. N. Y. 1916; CLYDE OLIN FISHER,\* A.B. Trinity (N. C.) 1911; MARGARET ALBERTA FLAGG, A.B. Howard 1908; JUANITA HELM FLOYD, B.S. Cumberland 1909, A.M. 1909, Ph.B. Chicago 1916; JOHN PAUL FOOTE, A.B. Adelphi 1908; DONALD FREDERIC FOX,† A.B. Pomona 1914; WANDA IRENE FRAIKEN, A.B. Minnesota 1909; CHARLES LUTHER FRY, A.B. Muhlenberg 1916; JOHN JOSEPH FURIA,† A.B. 1916; ARTHUR BERTRAM GABEL, A.B. Franklin and Marshall 1910; MARIE KEHOE GALLAGHER, A.B. Hunter 1914; JAMES ROBERT GALLOWAY, A.B. British Columbia 1916; IRA DUFRESNE GARARD,\* B.S. Grove City 1911; CHRISTOPHER HAROLD GASKELL, A.B. Occidental 1913; HENRY KNOLL GELBTUCH,\* B.S. Ohio State 1913; MARY SPENCE GISH, A.B. Randolph Macon 1902; ISRAEL GOLDSTEIN, A.B. Pennsylvania 1914; EMILIE GOODALE,† A.B. Wellesley 1906; WINIFRED GOODALL, A.B. Bryn Mawr 1914; MABEL GORDEN,\* A.B. Adelphi 1914; FRANK LEMUEL GOSNELL, A.B. Rochester 1914, B.D. Union Theol. Sem. 1917; DOROTHY MACDONALD GOSTENHOFER, A.B. Wellesley 1914; PHILIP PORTER GOTT, A.B. Oberlin 1915; RUSSELL LOWELL GOULD, A.B. Wesleyan 1913; MARGARET GRANT, A.B. Sweet Briar 1915; HELEN GREEN, A.B. Syracuse 1902; KATHARINE PROCTOR GREEN, A.B. Swarthmore 1907; ISABEL GREENBURG, B.S. 1914; ACTON GRISCOM,\* A.B. 1913; PAUL MAGNUS GROSS,† B.S. C. C. N. Y. 1916; OWEN GRIFFITH GROVES, A.B. Hamilton 1916; ROBERT MILTON GUGGENHEIM, A.B. 1916; RIDIE JUSTICE GUION, A.B. Wellesley 1911; DOROTHY EMMA GUTTMACHER, A.B. Goucher 1916; EDITH HADLEY,† A.B. Olivet 1907, A.M. Michigan 1911; E. ADELAIDE HAHN,† A.B. Hunter 1915; WARREN EDMUND HALL, A.B. Illinois 1913, B.D. McCormick Theol. Sem. 1916; ABDULLAH FEYZI HAMDI, E.E. 1916; HELEN ELIZABETH HARDING,† A.B. Radcliffe 1896; JACOB STOVER HARLEY,† A.B. Stanford 1910; INNIS DURRETT HARRIS, A.B. Friends 1914; B.D. Drew Theol. Sem. 1917; MILTON HYRUM HARRIS, A.B. Brigham Young 1915; FANNIE GRACE HARROWICH,\* A.B. Hunter 1915; REBEKAH MARY HARTNESS, A.B. Carroll 1910; MARGARET ALGER HAYDEN, A.B. GOUCHER 1907; STANLEY BURTIS HAZZARD, A.B. Colgate 1914; CLYDE EVERETTE HEFLIN, A.B. William and Vashti 1913; SOPHIE CATHERINE HELFST, A.B. Adelphi 1916; BERNARD HELLER, A.B. Pennsylvania 1917; CARL IVAR HELLSTROM, A.B. Yale 1912; MARY HARRIS HELMS, A.B. Ohio State 1911; MARGARET YOUNG HENRY, A.B. Wellesley 1897, A.M. N. Y. Univ. 1899; MARGARET CONSTANCE HESSLER, A.B. James Milliken 1914; LOUISE BILES HILL, B.S. 1916; BERTHA HILLS, A.B. Smith 1915; LORENA WINCHELL HOCKING, A.B. Denver 1911, A.M. 1912; ALICE MAY HOLMES, B.S. Mt. Holyoke 1895, B.D. Hartford Theol. Sem. 1899; HARRY HOMLET, A.B. 1916; LOUIS HOROWITZ, A.B. 1916; PAULINE HORWITT, A.B. Hunter 1915; BELA HUBBARD,\* B.S. 1914; WILLIAM BERTRAM HUBBELL,\* A.B. Hendrix 1910; MARY FRANCES HUGHES,\* A.B. 1915; CHARLES HENRY HUNT,\* B.S. Washington 1910; EMMA REBECCA HUNT,\* B.S. 1914; HENRY REID HUNTER,\* A.B. Trinity (N. C.) 1911; WILLIAM THOMAS HUTCHINSON, A.B. Rutgers 1916; JAMES MASANAGA INOUE,† B.S. Emory 1915; GWYLYM ISAAC,\* A.B. Huron 1913, B.D. Union Theol. Sem. 1917; AUBREY ISENBERG, A.B. Ohio State 1916, B.S. 1916; LYDIA JACCARD, A.B. Hunter 1914; JESSE BYTH-

\* October, 1916. † February, 1917.

WOOD JACKSON, A.B. South Carolina 1910; EDWARD RICHARD VON JANINSKI,† A.B. N. Y. Univ. 1909; ALEXANDER JASCALEVICH,\* ELSIE SAFFORD JENISON, A.B. Wellesley 1916; NORMA EVA JOHANN, A.B. Hunter 1914; ELEANOR REED JOHNSON, A.B. Vassar 1915; ILION TINGNAL JONES, A.B. Trinity Univ. 1913, B.D. McCormick Theol. Sem. 1916; THOMAS ELSA JONES, A.B. Earlham 1912, B.D. Hartford Theol. Sem. 1915; TROY ISAIAH JONES, A.B. North Carolina 1914; ROXANE LANGELLIER JUDSON, Ph.B. Chicago 1902; JACOB KATZ,\* A.B. C. C. N. Y. 1914; NORMAN JOSEPH KILBORNE, A.B. Yale 1915; MARTIN KILPATRICK, JR.,† A.B. C. C. N. Y. 1915; CHARLES CALVIN KINARD, A.B. South Carolina 1910; MARGARET ANNE KLEIN;† MATHILDE KLEINER,\* MABEL LOUISE KNIPSCHILD, A.B. Missouri 1912, B.S. 1912; LOUISE KNOBLAUCH,\* A.B. Minnesota 1907; ABRAHAM JACOB KRACHMALNIKOFF, B.S. Harvard 1916; FRANCES KRASNOW, B.S. 1917; MABEL DOWNEY KROLFIFER, A.B. Hunter 1903; JOSEPH WOOD KRUTCH,\* A.B. Tennessee 1915; MARGARET LAIR, B.S. Ohio State 1912; ROBERT WARD LAMSON, B.S. Mass. Agricultural 1912; DONALD ELWOOD LANCEFIELD, A.B. Reed 1915; EMILY DORR LARABEE, A.B. Bryn Mawr 1903; ANNIE LEE, A.B. Converse 1914, A.M. 1915; CHARLES YU LEE,† B.S. Honan (China) 1911; HENRY SMITH LEIPER, A.B. Amherst 1913; JACOB LEVINE, A.B. 1916; MAURICE LEVINE,\* A.B. 1911; PAULINE LEVIN-KIND, A.B. Hunter 1916; ANSON LICHTENSTEIN, A.B. 1916; ELIZABETH LINDEMANN,† A.B. Hunter 1910; JOSEPH LINTZ,\* B.S. 1914; PO SHUE LO, B.S. Michigan 1916; GERALDINE MICH LONG,\* A.B. Colorado Teachers 1912; FLETCHER LOW,† B.S. Dartmouth 1915; CLARENCE COLUMBUS LUDWIG, A.B. Whitman 1916; OTTO H. LUKEN,\* A.M. N. Y. Univ. 1915; CHARLES ELDREDGE McALLISTER, A.B. St. Stephens 1914; SISTER EVA McDERMOTT, A.B. St. Catherine 1915; ROBERT BURROW McELREE, A.B. Trinity Univ. 1913; JULE G. McGRATH, A.B. Hunter 1911; MARY KATHARINE McNIFF,\* Ph.B. Chicago 1911; HELEN MARY MACDONALD, A.B. Washington 1916; MURDOCH CHARLES MACKINNON, A.B. Dalhousie 1915, B.D. Union Theol. Sem. 1917; EDITH EASTERBY MACMILLAN, A.B. Nashville 1909; AUGUSTUS CARLYLE MADDOX,\* A.B. Hendrix 1910; BENJAMIN MALZBERG, B.S. C. C. N. Y. 1915; CHARLES WILLIAM MARGOLD, A.B. 1915; JESSIE ADAMS MARVIN, A.B. Wellesley 1904; OLGA MARK, A.B. 1915; CARLTON KINGSBURY MATSON, A.B. Oberlin 1915; GILBERT WILCOX MEAD,\* A.B. Allegheny 1911; MARGARET REID MERRIAM,\* A.B. Mt. Holyoke 1915; MARJORIE BARNES MEYERS, A.B. Elmira 1902; ANNA MARGUERITE MICHENER, A.B. Swarthmore 1916; NELLIE MILLER, A.B. Hunter 1915; CARRIE THERESA MINZESHEIMER,\* A.B. Hunter 1915; MELVILLE GRAY MONTGOMERY,† A.B. Park 1913; ROBERT JEROME MOORE, Chemist, Cooper Union 1915, B.S. 1915; RUTH ELLEN MOORE, A.B. Chicago 1902; PHIL. DICE MORELOCK, A.B. Emory and Henry 1913; CHARLOTTE VERONICA MULLIGAN, A.B. New Rochelle 1916; GLEN HAWTHORNE MULLIN, A.B. Illinois 1907; THOMAS MUNRO, A.B. 1916; ANNA BLANCHE MURPHY, B.S. 1916; GERALDINE HOWELL MURRAY, A.B. N. Y. State Teachers 1916; WAYNE VERNON MYERS, B.S. 1917; RAYMOND HARKER NEAD,† A.B. Dartmouth 1911; SUSAN KINCAID NOEL, B.S. Ky. Col. for Women 1893; ANNA NOLL, A.B. Hunter 1916; MARY THEODORA NOSS, A.B. Wellesley 1909; MARIE LILLIAN OFFUTT, B.S. Louisville 1916; DOROTHY OLCOTT, A.B. Smith 1913; MOTOSHIGE OSEKO; ROBERT LEWIS OSSWALT, A.B. 1916; CHARLES WILLIAM OSTLUND, A.B. Washington 1915; BERYL HOLMES PAIGE, A.B. Mt. Holyoke 1911; ANNA MERCY PAINTER, A.B. Earlham 1911; FREDERICK ALBERT PALMER A.B. Huron 1913; EVA MAY PAREIS,\* A.B. 1916; JOSEPHINE COOKE PASHLEY, A.B. 1908; RAMCHANDRA RAOJI PAWAR, A.B. Bombay 1905, LL.B. 1908; ORMAN CLARENCE PERKINS, A.B. Bates 1915; JESSIE ROWE PERSINGER, A.B. Trinity (N. C.) 1915; AURELIUS GALE PHEASANT, B.S. Hanover 1908, LL.B. Indiana Law, 1911;

\* October, 1916. † February, 1917.

LOUIS PINE, B.S. Brooklyn Poly. Inst. 1916; FANNIE PITCAIRN, B.S. 1916; FLOR-  
 ENCE AUGUSTA POOKE, A.B. Smith 1901; ELIZABETH BOGMAN POPE, A.B. Bryn  
 Mawr 1907; ELENA RAFAELA PRATS,\* B.S. 1912; GERTRUDE PRINDLE, A.B. Min-  
 nesota 1914; ELIZABETH AGNES PRIOR, A.B. Washington State 1909; JESSIE GRACE  
 QUIGLEY, B.S. 1916, B.Pd. Kirksville Normal 1907; BENJAMIN ALEXANDER RABIN-  
 OWITZ, A.B. N. Y. Univ. 1916; MORRIS ABEL RAINES, B.S. 1915; NATHAN ARNOLD  
 RAUCH, B.S. C. C. N. Y. 1915; CLARENCE HANES REAM, A.B. Washburn 1911;  
 JOHN OWEN REES, A.B. Oberlin 1914; IDA BERENICE REPLOGLE,\* A.B. Mich. State  
 Normal 1914; MARTHA MAY REYNOLDS, A.B. Vassar 1915; JULIUS KAPLAN RICH-  
 ARDS,† A.B. 1915; ALICE MAY ROBERTS, A.B. Iowa Wesleyan 1914; MARGARET  
 ELINOR ROGAN, A.B. New Rochelle 1908; EDWIN BLAINE ROMIG,† A.B. Franklin and  
 Marshall 1913; ALBERTINE AUGUSTA ROSENFELD, A.B. Hunter 1914; HESTER MARY  
 RUSK, A.B. 1912; GEORGE PAULDING RUSSELL,† A.B. Princeton 1909; FERDINAND  
 DOAN SANFORD, LL.B. 1916, A.B. Princeton 1909; JACOB SAPOSNEKOW, B.S. C. C.  
 N. Y. 1916; WILLIAM VOGEL SAXE, A.B. 1912; BETTY SCHRAGENHEIM, B.S. 1915;  
 WILLIAM EDWARD SCHWANDA, B.S. 1916; HAROLD LORAIN SCOTT, Ph.B. Denison  
 1911; BEN MORRIS SELEKMAN, B.S. Pittsburgh 1915; LEWIS LAZARUS SELL, A.B.  
 1916; LAURA SHERWOOD SEYMOUR,† A.B. Vassar 1915; BERTHA SHAPLEY, A.B.  
 Vassar 1915; MARY REED SHUPP, A.B. Wellesley 1907; MARY LILA SIENKNECHT,†  
 A.B. Randolph-Macon 1914; MORRIS SILVERMAN, A.B. Ohio State 1916; CESIDIO  
 SIMBOLI, A.B. Colgate 1913; ADELAIDE DOUGLAS SIMPSON, A.B. Bryn Mawr 1913;  
 JULIA SIMPSON,\* A.B. Hunter 1915; JOHN THEODORE SLATTERY, A.B. Manhattan  
 1886, A.M. 1893, A.M. N. Y. State Teachers 1916; EDWARD FORBES SMILEY, A.B.  
 Harvard 1917; ELISABETH SMITH, A.B. Cornell (Ia.) 1915; KARL H. SMITH, A.B.  
 C. C. N. Y. 1915; MARY LOOMIS SMITH, A.B. Trinity (N. C.) 1912; LOULIE ATKIN-  
 SON SNEAD, Ph.B. Stetson 1908; FELIX SPER,\* A.B. C. C. N. Y. 1913; LEON SPITZ,  
 A.B. Trinity 1916; GERALD MAX SPRING, A.B. Vermont 1916; HENRY POWELL  
 SPRING,\* A.B. Vermont 1903; ADAM NATHANIEL STANTON, A.B. Colgate 1915;  
 EMORY POTTER STARKE, A.B. 1916; ELIZABETH P. STEIN, A.B. Hunter 1916;  
 WILLIAM HOWARD STEINER, B.S. 1916; DOROTHY STERN, A.B. 1917; PAUL RICH  
 STEWART,\* A.B. Waynesburg 1909, A.M. 1911; WILHELM RUDOLF FUERCHTEGOTT  
 STIER, A.B. Rutgers 1912; ADELAIDE MARGUERITE STITT,† A.B. Wellesley 1914;  
 STEPHEN GRANT STONE,\* CHARLES LARRABEE STREET,\* A.B. Yale 1914; EDMOND  
 WALTON STROZIER, A.B. Emory 1914; BENJAMIN STRUMPF, A.B. C. C. N. Y. 1915;  
 KANEMATSU SUGIURA,† B.S. Brooklyn Poly. Inst. 1915; JANE JENKINSON SWENAR-  
 TON, A.B. Smith 1911; HAROLD MORLOCK TERRILL, B.S. Rutgers 1912; LUCY B.  
 THOMAS,\* A.B. Kansas 1911; CHLOE ANNIS THOMPSON, A.B. Miami 1906; CHRIS-  
 TINA OVIATT THOMPSON, A.B. Converse 1916, B.Mus. 1916; NELLIE EMMA THOMP-  
 SON, A.B. Smith 1904; ANNA BUZBY THORNE; CAROLINE SOPHRONIA TOBEY, A.B.  
 Radcliffe 1902; KINSAKU TONOUCHI,\* A.B. Michigan 1913; MARY EVELYN TOWN-  
 SEND,† A.B. Wellesley 1905; EDWARD ERNEST TYLER, B.D. 1908, B.D. Drew Theol.  
 Sem. 1914, B.D. Union Theol. Sem. 1916; LADISLAV URBAN; GERTRUDE CRISSEY  
 VALENTINE,\* A.B. Vassar 1912; DOUWINUS JOHANNES VAN HOUTEN; HENRY  
 WARREN VAN PELT, A.B. Cornell (Ia.) 1915; VAHAN HAMPARZHOOM VARTANIAN,\*  
 A.B. Anatolia 1910; JEANNETTE VICTOR, A.B. Agnes Scott 1916; HORATIO WALES, JR.,  
 A.B. Amherst 1915; SHEAFE WALKER,† A.B. Yale 1913; CLAUDE IVOR WALLACE,  
 A.B. Southwestern 1912, B.D. Drew Theol. Sem. 1917; ELIZABETH ANNA WALSH,  
 B.S. 1916; ELSIE ANNA WALTERS,\* A.B. Hunter 1914; CHENG WANG,\* A.B. Peking  
 1913; FORRESTER BLANCHARD WASHINGTON, A.B. Tufts 1909; DOROTHEA WATSON,  
 Ph.B. Chicago 1912; MARGARET WICKHAM WATSON,† A.B. 1913; ARRETTA LYNCH

\* October, 1916. † February, 1917.



WATTS, A.B. Missouri 1912, B.S. 1912; RAYMOND MELBOURNE WEAVER, B.S. 1910; ALBERT LOUIS WECHSLER, A.B. 1916; DAVID WECHSLER, A.B. C. C. N. Y. 1916; MABEL WEIL,† A.B. 1916; MARY BIRD WEIMAR,\* A.B. Southwestern 1897; MEYER WEINER,† B.S. C. C. N. Y. 1910; KATHERINE ZERNAH WELLS, A.B. Vassar 1915; SISTER ALPHONSINE MARY WELP, A.B. St. Catherine 1915; SALLIE BELLE WELLER,† A.B. Texas 1909; HELEN COPLAND WEST, A.B. Vassar 1915; EDWIN ANTHONY WHALEN,\* B.S. 1913; JOSEPHINE AMES WHITE, A.B. Radcliffe 1900; FRANK VICTOR WHITEHOUSE, A.B. 1916; MARY DUNN WHITFIELD, A.B. Cincinnati 1910; MARY ATKINSON WHITTLE, Ph.B. Stetson 1915; ALAN GOULD WIKOFF, B.S. C. C. N. Y. 1916; MINNA CHEVES WILKINS,\* A.B. Randolph-Macon 1905; FREDERICK STARK WILLIAMS, A.B. Washington and Jefferson 1913; GEORGE LIVINGSTON WILLIAMS, A.B. Georgia 1913; ALVIN LAMAR WILLS, A.B. Transylvania 1913, B.D. Union Theol. Sem. 1915; HELEN HOLTON WILLS,\* A.B. Northwestern 1908; EDITH HARRIET WILSON, A.B. Lake Forest 1900; AGNES ISABEL WINCHELL, A.B. Reed 1915; BEATRIX WINN, A.B. Missouri 1906, B.S. 1906; EDITH ELMER WOOD, B.L. Smith 1890; NORMA WOOD,† A.B. Arkansas 1896; CHARLES ALEXANDER WOODWARD, A.B. Amherst 1902, B.D. Union Theol. Sem. 1916; ADDIE EMLIN WRIGHT, A.B. Earlham 1910; TSURAKI YANOF; OTTILIE ZENKER, A.B. Hunter 1912.

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*Master of Arts (Education and Practical Arts).* OSCAR ELIJAH ACKER, A.B. New York 1916; ROYAL CLYDE AGNE, A.B. Heidelberg 1908, B.D. McCormick Theol. Sem. 1912; FRANK E. ALDER, A.B. Kansas State Normal 1913; EDITH ALLEN, A.B. Illinois 1903; ALEXANDER AMANT,† B.S. 1915; CARL ARTHUR ANDERSON, A.B. Nebraska 1916; FLORENCE LUCY ANDRUSS, B.S. 1915; GEORGE EARL ANSPAUGH,\* A.B. Indiana 1909; BEDROS KEVORK APELIAN, A.B. Iowa State T. C. 1909, B.D. Oberlin 1912; HELEN FRANCES BALL,\* A.B. Denver 1913; KATHARINE FRANCES BALL, A.B. Wellesley 1900; EMMA AUGUSTA BAILLEY,\* A.B. Oberlin 1910; SUSIE BARNES, B.S. 1908; HARRIET THOMPSON BARTO, A.B. Illinois, 1916; JAMES CAMPBELL BAY,† A.B. Oberlin 1912; LURA ELLA BEAM,† A.B. 1908; IRENE GERTRUDE BEARD,\* A.B. Tennessee 1907; JAMES HARVEY BEACH, B.S. Kansas State Normal 1914; ANNIE TATMAN BELL, A.B. Louisiana 1916; ANNETTE GERTRUDE BENNETT,\* A.B. Wittenberg 1908; RAYMOND DURLING BENNETT,\* A.B. Otterbein 1908, A.M. Otterbein 1910; JEROME HAROLD BENTLEY,† A.B. Wesleyan 1903; KENDALL PALMER BIRCKHEAD,† A.B. William and Mary 1908; GRACE ELECTA BIRD,\* Ph.B. Chicago 1897; HERBERT FRANCIS BLAIR, B.S. Northwestern 1915; ANNA LATOURRETTE BLAUVELT,† B.S. 1915; ADDIE JEANNETTE BLISS, A.B. Washington 1906; ELIZABETH BLODGETT, B.S. 1914; HELEN F. BOYD, A.B. Radcliffe 1902; JULIA MOREY BOYD, A.B. Mills 1913; RUTH ELMA BRADBURY, A.B. Emporia 1912; BARCLAY WHITE BRADLEY, A.B. Pennsylvania 1897, Ph.D. Pennsylvania 1900; EDWARD STANLEY BRINKLEY,\* A.B. William and Mary 1902; NELL ROSS BROWN, A.B. Reed 1915; ZULA FRANCES BROWN, A.B. So. California, 1908; HERBERT ARTHUR BUERMAYER, B.S. 1916; ALICE LUCILE BUTLER, A.B. Western 1908; RUTH LOUISE CASSELS, A.B. California 1916; MARY ELIZABETH CASTER, A.B. Iowa State T. C. 1913; ALICE CASTLE, A.B. Hunter 1914; FRANKLIN ROBERT CAWL,† B.S. 1915; MILA LANGRUM CEARLEY, A.B. California 1915; RUTH CESSNA, B.S. Iowa State 1914; BEULAH YOONGTSUNG CHANG, A.B. Oberlin 1916; TSUNG HAI CHENG, A.B. Wisconsin 1916; CARL CHURCHILL, Ph.B. Keuka 1906; GERTRUDE MARGARET CLANCY, A.B. Stanford 1916; MARY EMILY CLARK,\* A.B. Western Md. 1904; ARTHUR WILBUR CLEVINGER,\* B.S. Earlham 1911; EDGAR W. S. COBB,\* A.B. North Carolina 1908; TOM PONTON COBB, A.B. Baylor 1913;

\* October 1916. † February, 1917.

FRANKLIN DEWEY COGSWELL, A.B. Denver 1912; ABRAHAM COHEN,† B.S. C. C. N. Y. 1905; THOMAS ALFRED FLETCHER COLLETT, A.B. Syracuse 1914; ANNA COLMAN, A.B. Smith 1914, B.S. 1916; JOHN F. CONROY, B.S. C. C. N. Y. 1914; WILLIAM FRANCIS CONWAY, A.B. Seton Hall 1902, A.M. Seton Hall 1904; MARGARET COOPER, A.B. Carleton 1911; LUCY D. CORDINER, A.B. Wyoming 1905; HELEN FULTON CORLEY, A.B. Michigan 1909; HAROLD F. COTTERMAN, B.S. Ohio 1916; LEWIS ELDON COULTER,\* B.S. Ohio Northern 1909, B.S. Ohio 1913; GERALD SPELLMAN CRAIG, A.B. Baylor 1915; MABEL HAMILTON CRAWFORD, B.S. 1914; JOSEPH ALVERTON CROWELL,\* A.B. Juniata 1912; EDWARD PATTERSON CURTIS, Ph.B. Wesleyan (Kansas) 1912; FRANCES MAE CURTIS, A.B. Vassar 1915; KATHERINE BRENT DABNEY, A.B. Cincinnati 1914; ALICE JANET DANIEL,\* A.B. Cornell 1910; HELEN MARVIN DARSIE, A.B. Hiram 1910, A.M. So. California 1912; GRACE COGSWELL DAVIS, A.B. Carroll 1913; MARY ELIZABETH DAVIS, B.S. Missouri 1911, A.B. Missouri 1913; FRANCES COLE DE WET, A.B. Huguenot, So. Africa, 1898; MORRIS CHARLES DESHEL, B.S. 1911; MARY VAZELLE DICK, A.B. Iowa State Teachers 1912; MINNIE ELIZABETH DINGEE, A.B. Kansas 1914; ROLLIN DODD, B.S. Whitman 1906; MARY ELIZABETH DOUGLASS, A.B. Pomona 1909; FLORA ELIZABETH DRAKE, A.B. Indiana 1911; HENRY FOWLER DUNBAR, A.B. Harvard 1913; JOHN LEE DUNKLE,† B.S. West Virginia 1912; FANNIE WYCHE DUNN, B.S. 1915; HOMER WILLIAMS DUTTER,\* A.B. Indiana 1911; ALANSON HARRISON EDGERTON, B.S. 1913; ALICE LEORA EDWARDS, B.S. Oregon Agri. 1906, B.S. 1916; CHARLES MORRIS ELLIOTT,\* A.B. Michigan State Normal 1913; MABEL MURPHY ERWIN, A.B. Indiana 1913; GARNET MABEL EVERLEY, A.B. State Normal 1913; JESSIE MARGARET FAIRBANK, A.B. Wellesley 1916; THORA MARIE FERNSTRÖM, A.B. 1915; ETHEL ESTELLE FINLEY,† A.B. Temple 1913; ELVIN HOLT FISHBACK, B.S. 1915; ETHEL HUME FLOOD, A.B. California 1902; WILLIAM HOWARD FRAM, A.B. Hiram 1914; CORA BAGLEY FREEMAN (MRS.), A.B. So. California 1912; FREDERICK NORMAN FRITS,\* A.B. Allegheny 1896; AMBROSE JUNIOR FRY,\* A.B. Mt. Union 1898, A.M. Wooster 1903; EDITH ALENA GARLOCK,† Ph.B. Syracuse 1910; JOHN LEONARD GAUNT,† B.S. 1912; ALICE VIRA GEORGESON, A.B. California 1916; JUANITA LANDON GERLACH, A.B. Stanford 1910; AMALIA FRANCESCA GIANELLA,† A.B. 1916; ISIDORE GINSBERG, B.S. 1915; MABEL HELEN GIRARD, A.B. Smith 1913; LOUISE PHILLIPS GLANTON, B.S. 1905; FLORENCE LEA GOSSELIN, A.B. Wisconsin 1913; NAOMI GOUGER, A.B. Texas 1915; ETHEL GOWANS,\* B.S. Cornell 1908; MILDRED GERALDINE GREGORY, A.B. Wellesley 1916; FLORENCE ELLA GRIM, A.B. Olivet 1911; FRANCIS WILLIAM GROSE, A.B. Indiana State Normal 1916; COLBA F. GUCKER, B.S. Rochester 1914; ADELE GUREVICH (MRS.), Diploma, Gymnasium, Kieff 1901; NATHAN GUSSOW, B.S. C. C. N. Y. 1914; MAUDE LILLIAN GUTHRIE, A.B. Oregon 1913, B.S. Iowa State 1914; HULDAH AUGUSTA HAENIG, A.B. Michigan 1906; OTTO WEBSTER HAISLEY, A.B. Earlham 1906; EVELYN LOUISE HARING, A.B. 1916; BURRITT CLARK HARRINGTON,† Litt.B. Princeton 1913; RUTH MARY HARRIS, Ph.B. Alfred 1913; FRANKIE DELPHINE HASKELL,† A.B. Washburn 1915; MONTANA HASTINGS, B.S. 1909; JAMES HAVENDER, A.B. N. Y. Univ. 1916; GENEVIEVE HAWK, A.B. Miami 1912; ISABELLE HAZEN, A.B. Kansas 1903, A.M. Kansas 1905; FRANK ARTHUR HENDERSON,\* A.B. Tarkio 1907; JOSIE BELLE HERBERT, A.B. Wellesley 1908; JOSEPHINE M. HIESEL, B.S. 1915; MARJORIE HILLAS, A.B. 1915; BEN EDGAR HOLROYD, A.B. Hiram 1913; LINVILLE MORAN HOLTON, A.B. West Virginia 1915; ENTANG HSUEHCHENG HOU, A.B. Grinnell 1916; BARBARA SOUTHWORTH HOWLAND, A.B. Mt. Holyoke 1913; CHARLES BENONI HUDSON, B.S. Missouri 1911, A.B. Missouri 1913; CLAES LEONARD HULTGREN, B.S. Wesleyan (Ohio) 1903;

\* October, 1916. † February, 1917.

LOUISE HUMISTON, A.B. Western Reserve 1915; FRANCIS M. HUNTER,\* A.B. Mercer 1909; H. TYRAM HUNTER, A.B. Wake Forest 1912; JULIA LOUISE HURD, A.B. Iowa State Teachers 1912; HELEN HUTCHINSON, A.B. Wellesley 1913; NELSON ABRAHAM JACKSON,\* A.B. Bates 1900; EDITH ELOISE JAMES,† A.B. Vassar 1913; THEODOSIA DAVENPORT JESSUP, A.B. Vassar 1915; ARTHUR CHARLES JOHNSON, JR., B.S. Pennsylvania 1907, A.M. Pennsylvania 1908; NELLE JOHNSON, B.S. Minnesota 1910; ETHEL JONES, A.B. Earlham 1906, B.S. 1911; FRANCIS XAVIER KARRER, A.B. Washington 1911; FLORENCE AMELIA KELLOGG, B.S. 1906; PAUL ALFRED KENNEDY, B.S. 1915; HARVEY HEZEKIAH KENYON, B.S. 1914; LYNUS ALONZO KIBBE, A.B. Washington 1916, A.M. Washington 1916; NORA A. KIEFFER, B.S. 1916; MABEL ANNA KIMBER, A.B. Northwestern 1906; LEROY ALBERT KING,\* B.S. 1910; ELLA KITTLE, A.B. Syracuse 1914; ADELE KOCH, A.B. Nebraska 1905; BERTRAM E. KOONCE,† A.B. Franklin 1912, B.S. Ohio State 1916; HERCULES LEE KOONTZ,\* A.B. Wake Forest 1909; JAMES ALVA KOONTZ, A.B. Leland Stanford, Jr. 1901; DANIEL FRANCIS KOUGHAN,\* A.B. Bowdoin 1909; ALICE MARIE KRACKOWIZER,† B.S. Chicago 1906; WALTER KRUMBECK,\* B.S. Harvard 1910; LAURA LULU LATTIN, A.B. California 1915; YAU TSIT LAW, A.B. Mt. Holyoke 1916; MARY JANET LAYCOCK, A.B. Illinois 1906; SAMUEL HERRICK LAYTON,† B.L. Wesleyan (Ohio) 1896, A.M. Ohio 1910; GERTRUDE LE FEVRE, A.B. Vassar 1911; MABEL LEE, A.B. 1916; JOSEPHINE LEVERETT,† B.S. Mississippi 1912; ELSIE FREUDENHEIM LEVINSON, A.B. 1915; ELLA CANNON LEVIS, A.B. Swarthmore 1907; HARRY RALPH LICHTENSTEIN,\* B.S. C. C. N. Y. 1913; PING LING, A.B. Stanford 1916; JOHN SHERIDAN LINN,\* A.B. Lafayette 1911; HENRIETTA LISK,† B.S. Florida State 1907, M.S. Florida State 1909; FUNG YAN LIU, A.B. Smith 1915; SARA LOEB, A.B. Vassar 1899, Ph.B. N. Y. State Coll. for Teachers 1900; ALLAN ARTHUR LOEW,\* A.B. C. C. N. Y. 1915; JOHN EVERT LUIDENS,\* A.B. Michigan State Normal 1913; BEULAH WELLS LYMAN (MRS.), A.B. Smith 1905; ELLA GREEN McCLURE, B.S. 1914; JESSIE DUNLAVY McCOMB, A.B. Nebraska 1907, M.S. Oregon Agri. 1916; ETTA JOE MCCOY, A.B. Ottawa 1916; ARCHIBALD ARNOTT McDONALD,\* A.B. Oberlin 1900; FRANCES FOLSOM MCGUIRE,† A.B. Kentucky 1914; HARRY W. MCINTIRE, A.B. Missouri 1911, A.B. Missouri 1914; ADELE MCKINNIE, A.B. Vassar 1909; EDWARD BLAKE MACDONALD, A.B. Michigan 1909; CAROLINE ETHEL MACROBERTS, A.B. Goucher 1913; GERTRUDE MAGINNIS (MRS.)\* A.B. Ohio 1912; CHARLES WEST MANZER, A.B. Dartmouth 1916; HARRY WHEELER MARTIN, A.B. Cornell 1906; MINNIE NEWEL MASON, A.B. Wesleyan (Georgia) 1908, Ph.B. Chicago 1915; LOTTY MAY, A.B. Hunter 1913; SYBIL HUNTINGTON MAY, A.B. Vassar 1914; ZETA COOK MAYHEW (MRS.), B.S. 1914; ROBERT LEON MEEKS,\* A.B. Miami 1910; MORRIS MEISTER, B.S. C. C. N. Y. 1916; FAITH MERRIMAN, A.B. Vassar 1915; ALMA MERWIN, B.S. Cornell 1913; CARRIE AMY MILLER, A.B. Wilson 1907; JOHN CYRUS MITCHELL, A.B. Dartmouth 1910; ALBERTA MONELL, A.B. Hunter 1911; JANET MARIE MOORMAN (MRS.), A.B. So. California 1916; HERBERT HOVEY MORRIS, A.B. Tennessee 1913; JOHN VAN LIEW MORRIS, A.B. Harvard 1909; LOUISE TOD MOTLEY, A.B. Randolph-Macon 1907; WALTER J. MULLER,\* B.S. 1915; MOLLY DESMOND MURPHY, A.B. Trinity 1909; NORA JOHANNA NELSON, A.B. Nebraska 1914; CAROLYN JANE NEWCOMB, A.B. Iowa 1914; NIELS KRISTIAN NIELSEN,† B.S. Utah 1916; CHARLES FREMONT NILES, A.B. Wisconsin 1885; JOHN RANDALL NORTON, A.B. Vermont 1913; WILLIAM DAVID OLSAN,† A.B. College of Puget Sound 1912; NETTIE MARTHENA OWEN, A.B. Indiana 1907; SNEHALATA PAGAR (MRS.), B.S. 1916; ARTHUR FRANK PAYNE, B.S. Bradley Poly. Inst. 1915, Ph.B. Chicago 1916; SILVIO PELLERANO, B.S. C. C. N. Y. 1914; MARION PETERSON, A.B. Vassar 1915; NATALIE ANNA PETTY, A.B. Franklin 1900; LILLIAN AZUBAH PHILLIPS, B.S. 1916; MARY

\* October, 1916. † February, 1917.

DOWDELL PIERCE, A.B. Nashville 1900; FRANK JOSEPH PLATTNER,† A.B. Seton Hall 1907, A.M. 1909; ROSALIE POLLOCK,† B.S. 1908; ELLA HEATON POPE, A.B. Adelphi 1913; MABEL WOLFE POTTER (MRS.), A.B. Kansas 1900; RUBY POWELL, B.L. California 1904; HUGH CLARK PRYOR, A.B. Colorado 1911, A.M. 1912; FRANK JOSEPH RAWLINSON, A.B. Bucknell 1899; CARL WALKER REEVES,† B.S. South Carolina Military 1910; FRANK WALTER REINOEHL,† A.B. Mt. Union 1907; ORA EDGAR REYNOLDS, A.B. Illinois 1916; MABEL VIOLA RHODES,\* A.B. Oberlin 1910; DUFAY ROLL RICE, A.B. Colorado 1911; MARIETTA RILEY,\* A.B. Adelphi 1907, A.M. 1908, A.M. New York 1913; HELEN EUNICE ROBINSON, A.B. Goucher 1902; HARRY WESTCOTT ROCKWELL, A.B. Brown 1903; EMMA GERTRUDE ROGERS, A.B. Mt. Holyoke 1898; MABEL CLAIRE ROGERS, B.S. Michigan Agri. 1910; JOHN GUISE ROSSMAN,† A.B. Franklin and Marshall 1908; A.M. 1911; HOWARD THOMAS RUHL, A.B. St. John's 1907; ETHEL RYAN, A.B. Cornell 1914; MONICA DOLORES RYAN, A.B. College of New Rochelle 1916; RAY KENYON SAVAGE,\* A.B. Rochester 1903; ELSA DOROTHEA HENRYETTA SCHUBERT,† A.B. 1913; ROBERT CHARLES SCHWAN,\* B.S. 1915; ISADORE ADOLPH SCHWARTZ,† B.S. C. C. N. Y. 1913; MARION ORVILLE SCROGGIN B.L. San Antonio Female 1912, A.B. Washington 1915; ROY LEE SHAFFER, Ph.B. Dickinson 1909, A.M. 1913; HENRY HARRIS SHANHOLT,\* B.S. 1916; WILLIAM SHAPIRO, A.B. C. C. N. Y. 1913; CHARLES FORREST SHARP,\* B.S. Ohio 1912; BENJAMIN MOORE SHEPPARD, A.B. Lafayette 1902; GRACE GRIETJEN SIBBINK, A.B. Rochester 1913; OLIVE LETITIA SIPPPELL, A.B. Acadia 1911; HELEN JOY SLEEPER, A.B. Wellesley 1915; RUTH ANNETTE SLOAN,\* Ph.B. Franklin 1904; WILLIAM EDWARD SMYTHE,† A.B. Indiana 1909; EDA ETHELL SNODGRASS, B.S. Purdue 1913; ARTHUR RUSMISSELLE MILLER SPAID, A.B. Wilmington 1893, A.M. Haverford 1894; HELEN MITCHELL SPENCER, B.S. Northwestern 1911; WILHELMINA SPOHR, B.S. 1914; CHARLES ELMO STAILEY,\* B.S. Ohio 1912; WILLIAM HENRY STEEGAR, B.S. New York 1907; CECIL HENRY STEYN, A.B. South Africa 1912; WESLEY ALBERT STOCKINGER, B.S. 1916; BURR DEXTER STRAIGHT, Ph.B. Alfred 1911; HARRISON GILBERT STREETER,\* B.S. 1913; ETHEL AGNES STROHM, A.B. Vassar 1914; MARY CANICE SULLIVAN, A.B. Leland Stanford 1914; MADELINE SWEET, A.B. Oberlin 1912; RILLA BELLE TAIT, A.B. Wellesley 1901; FUJI TAKAMORI, B.S. 1916; CHARLES ELLIS TEETERS, A.B. Mt. Union 1902; OLGA CONSTANTINE TERZIEFF, A.B. Macalester 1916; CHARLES CARPENTER TILLINGHAST, A.B. Brown 1906; HAROLD HOYT TILTON, A.B. Harvard 1905; MARGIE ELIZABETH TOBIN, A.B. Wesleyan (Ohio) 1916; FRANK CHARLES TOUTON,† Ph.B. Lawrence 1901; MARGUERITE TUCKER, B.S. Rockford 1910, B.S. 1913; DOLPHUS EUGENE TUGEL, B.S. Missouri 1913; KRISHNAHAI TULASKER, A.B. Lawrence 1914, A.M. Chicago 1915; EUGENE TUTTLE,\* A.B. Bates 1905; GENEVA VERNIECE UPP, A.B. Illinois Woman's 1914; MARY VANUXEM,\* B.S. 1916; LEE VALLEY VERNON, B.S. Northwestern 1916; MARY GLOYD WAITE, B.S. 1909; ETHEL SHERWOOD WAKEMAN, A.B. Vassar 1904; LOU V. WALKER, A.B. Nebraska 1914; FREDERICK CHARLES WALTERS, B.S. Kansas State Normal 1916; HELEN ESTHER WANAMAKER, A.B. Mt. Holyoke 1915; HARRIOT WARE, B.S. Simmons 1907; GERTRUDE ETHEL WARNER, B.S. Ohio Wesleyan 1909; ARTHUR EDWARD WHITE,† B.S. Cornell 1913; FLOY FISK WHITNEY, B.L. Syracuse 1901, Pd.B. N. Y. State 1903; JANE WHITNEY, A.B. Hillsdale 1913; WILLIAM T. WHITNEY, B.S. New York 1901, Pd.M. 1902, Pd.D. 1907; JOSEPH ADOLPHUS WILLIAMS,\* A.B. Wake Forest 1901; KATHARINE WILLIAMS, A.B. 1915; CHARLES LORRAIN WILSON,† A.B. Marietta 1899, A.M. 1907; ELISABETH KISSICK WILSON, B.Pd. Michigan State Normal 1916, A.B. Michigan 1916; MARTHA BLANCHE WOHLFEIL,\* A.B. Hunter 1913; MANFORD RONES WOODLAND, A.B. Otterbein 1901; ELIZABETH ASH WOODWARD, B.S. 1911. [305].

\* October, 1916. † February, 1917.

*Master of Laws (Faculty of Law).* TZON FAH HWANG, LL.B.;\* FRANKLIN RUNYON LANG,† A.M. 1915, A.B. Oskaloosa 1894, LL.B. Detroit 1904, Ph.D. Minn. 1916; EDWARD F. MCFADDIN, A.B. Simmons (Texas) 1913; LL.B. Texas 1916; [3].

*Master of Science (Faculty of Applied Science).* FAN CHEN, E.M., Colo. School of Mines 1916; JOHN NORVIN COMPTON, B.S. Rose Polytechnic Inst. 1915; TE CHUN HSI, B.S.;\* SHIH HUNG HU, E.M., Colo. School of Mines 1916; CHI TSING LU, B.S. Univ. of Illinois 1916. [5].

*Master of Science (School of Architecture).* TEMPLE HAYNE BUELL, B.S. Illinois 1916; JOSEPH FAIRMAN HUDNUT, B.Arch. Michigan 1912. [2].

*Master of Science (School of Business).* HSIFAN F. BOGGS, A.B. Illinois 1916; LESTER FRANK BRUMM, A.B. Wisconsin 1914; JAMES LEWIS DOHR, A.B. Wisconsin 1914; FO SUN, A.B. California 1916. [4].

*Master of Science (Faculty of Practical Arts).* LOUISE FORBES NELLIS (Mrs.), A.B. Smith 1907; MARION FRANCES WALKER, B.S. Iowa State 1912. [2].

## DOCTORS OF PHILOSOPHY

*Doctor of Philosophy.* ARTHUR BARTO ADAMS,\* A.M. 1912, A.B. South Carolina 1910, Major subject: Economics; LLOYD HUBER ALMY, B.S. Illinois 1909, M.S. Geo. Washington 1915, Major subject: Biological Chemistry; ARNOLD KENT BALLS, B.S. Pennsylvania 1912, Major subject: Biological Chemistry; WILFRED ATTWOOD BEARDSLEY, A.B. Yale 1911, Major subject: Romance Languages and Literatures. RALPH SIMPSON BOOTS, A.M. 1916, A.B. Grove City 1910, A.M. 1911, Major subject: Politics; ALICE C. BOUGHTON, B.S. 1914, A.M. 1915, Major subject: Economics; WARREN SCOTT BOYCE, A.B. Wake Forest 1903, A.M. Chicago 1907, Major subject: Economics; HARRIETT BRADLEY, A.M. 1915, A.B. Vassar 1913, Major subject: Economics; CLEMENT S. BRAININ, A.B. 1908, Major subject: Physics; PAUL FREDERICK BRISSENDEN, A.B. Denver 1908, M.L. California 1912, Major subject: Economics; ARTHUR MOSES BUSWELL, A.B. Minnesota 1910, A.M. Maine 1912, Major subject: Chemistry; MONLIN CHIANG, A.M. 1913, B.L. California 1912, Major subject: Education; ORAL SUMNER COAD, A.M. 1911, A.B. Knox 1909, Major subject: English; SARAH ELIZABETH CRONIN, B.S. Iowa 1903, M.S. 1905, Major subject: Mathematics; WILLIAM RANSOM CROWELL, A.M. 1915, B.S. Massachusetts Inst. Technology 1904, Major subject: Chemical Engineering; GLENN ERNEST CULLEN, A.B. Michigan 1912, B.Ch.E. 1913, Major subject: Biological Chemistry; SHELDON EMMOR DAVIS,† B.S. Missouri 1907, A.B. 1908, A.M. 1909, Major subject: Education; WILLIAM EDWARD DUNN, A.B. Texas 1909, A.M. Stanford 1910, Major subject: History; WILLIAM JAMES DURANT, A.B. St. Peters 1907, A.M. 1908, Major subject: Philosophy; THEODORE HILDRETH EATON,† A.M. 1915, A.B. Harvard 1900, Major subject: Education; GEORGE W. EDWARDS, A.M. 1913, A.B. C. C. N. Y. 1911, Major subject: History; JACOB EHRLICH, Chemist 1914, A.M. 1916, Major subject: Chemistry; WARD VINTON EVANS, Ph.B. Franklin and Marshall 1907, Major subject: Physical Chemistry; GEORGE OSCAR FERGUSON, JR., A.M. 1911, A.B. William and Mary 1907, Major subject: Psychology; JOSEPH KIRK FOLSOM, B.S. Rutgers 1913, A.M. Clark 1915, Major subject: Psychology; DIXON RYAN FOX, A.B. 1911, A.M. 1912, Major subject: History; ELBERT KIRTLEY FRETWELL, Ph.B. La Grange 1899, A.M. 1904, A.M. Brown 1905, Major subject: Education; THOMAS RUSSELL GARTH, A.B. Denver 1909, A.M. 1910, Major subject: Psychology; ARTHUR IRVING GATES, B.L. California 1914, A.M. 1915, Major subject: Psychology; SAMUEL HARRY GOLDENSON,† A.M. 1913, A.B. Cincinnati 1904, B.D. Hebrew Union 1904, Major Subject: Philosophy; FREDERICK SHAND GOUCHER, A.B. Acadia 1909, A.B. Yale 1911,

\* October, 1916. † February, 1917.

A.M. 1912, Major subject: Physics; MARY AMERMAN GRIGGS,† A.M. 1915, A.B. Vassar 1908, Major subject: Chemistry; CLARENCE PEAVY HARRIS, Chemist 1914, A.M. 1915, Major subject: Chemistry; HARRY CLIFTON HEATON,\* A.B. Yale 1907, Major subject: Romance Languages and Literatures; JOHN WALTER HECKERT,† A.M. 1905, Ph.B. Hamline 1900, Major subject: Education.; HATTIE LOUISE HEFT, A.M. 1914; B.S. Louisville 1912; M.S. 1913, Major subject: Biological Chemistry; HENRY ELMER HOAGLAND, A.B. Illinois 1909, A.M. 1910, Major subject: Economics; EDWIN T. HODGE, A.B. Minnesota 1913, A.M. 1914, Major subject: Geology; RAYMOND ASA KENT, A.M. 1910, A.B. Cornell (Iowa) 1903, Major subject: Education; ARTHUR J. KLEIN, A.M. 1909, A.B. Wabash 1906, B.D. Union Theological Seminary 1909, Major subject: History; EMIL GOTTLIEB HEINRICH KRAELING, B.S. New York Univ. 1915, Major subject: Semitic Languages; ARMIN KOHL LOBECK, A.B. 1911, A.M. 1913, Major subject: Physiography; DARWIN OLIVER LYON, A.M. 1908, M.D. N. Y. Homeo. Med. Col. 1913, Major subject: Psychology; JOHN BRAINERD MACHARG, C.E. Cornell 1893, A.B. Hamilton 1900, A.M. 1906, Major subject: History; HAROLD ELMER MANTZ, A.B. Michigan 1910, Major subject: Romance Languages and Literatures; MARK ARTHUR MAY, A.M. 1914, A.B. Maryville 1911, Ph.B. Chicago 1912, Major subject: Psychology; FREDERICK C. MILLS, B.L. California 1914, A.M. 1916, Major subject: Economics; MAUDE E. MINER,† A.M. 1906, A.B. Smith 1901, Major subject: Social Economy; BENJAMIN ERNEST MITCHELL,† A.B. Scarrett-Morrisville 1900, A.M. Vanderbilt 1908, Major subject: Mathematics; KENNETH POTTER MONROE, B.S. Chicago 1913, Major subject: Chemistry; J. HOWARD MUELLER,\* B.S. Illinois Wesleyan 1912, M.S. Louisville 1914, Major subject: Pathology; GEORGE WALKER MULLINS, A.M. 1913, A.B. Arkansas 1904, Major subject: Mathematics; MABEL NEWCOMER, A.B. Stanford 1913, A.M. 1914, Major subject: Economics; RICHARD HENRY PAYNTER, JR., A.B. 1912, A.M. 1913, Major subject: Psychology; ARTHUR EVERETT PETERSON, A.B. Tufts 1892, A.M. 1897, Major subject: History; HAROLD HENRY PLOUGH, A.M. 1915, A.B. Amherst 1913, Major subject: Zoology; JOSEPH FELS RITT,† A.B. Geo. Washington 1913, Major subject: Mathematics; JAMES HOWARD ROBINSON,\* A.M. 1911, A.B. Hamline 1908, B.D. Union Theological Seminary 1911, Major subject: History of Thought and Culture; AGNES LOW ROGERS, A.M. St. Andrew's, Scotland, 1907, Major subject: Education; ELIZABETH FRANCES ROGERS,† A.M. 1913, A.B. Goucher 1912, Major subject: History; DOROTHY SCARBOROUGH, A.B. Baylor 1896, A.M. 1899, Major subject: English; ANDREW JACKSON SCARLETT, JR., A.M. 1914, A.B. Dartmouth 1910, Major subject: Chemistry; GEORGE SCATCHARD,† A.B. Amherst 1913, Major subject: Chemistry; HERBERT WALLACE SCHNEIDER, A.B. 1915, Major subject: Philosophy; DOUGLAS RAMSAY SEMMES,† A.B. Virginia 1912, A.M. 1913, Major subject: Geology; EUGENE FRANCIS SIMONDS, A.M. 1913, A.B. Sydney 1910, B. S. 1911, Major subject: Mathematics; RALPH WASHINGTON SOCKMAN, A.M. 1913, A.B. Ohio Wesleyan 1911, Major subject: History of Thought and Culture; FREDERICK WILLIAM STEACY, A.B. McGill 1897, A.M. 1913, L.T. Montreal Diocesan Theol. Col. 1909, B.D. 1913, Major subject: Education; RALPH RANGLES STEWART,\* A.B. 1911, A.M. 1915, Major subject: Botany; DOROTHY STIMSON, A.M. 1913, A.B. Vassar 1912, Major subject: History of Thought and Culture; JOHN RICHARD SUYDAM, JR., Chem. Eng. 1912, A.M. 1915, A.B. Harvard 1908, Major subject: Chemical Engineering; WILLIAM WALTER THEISEN,\* B.S. Nebraska 1907, Major subject: Education; JOSEPH ANTHONY VAETH, A.M. 1912, A.B. Missouri 1903, Major subject: Romance Languages and Literatures; WALTER BROAD VEAZIE, A.B. 1914, Major subject: Philosophy; HAMILTON VREELAND, JR., A.M. 1915, LL.B. 1916, Litt.B. Princeton 1913, Major subject: International Law; JENNIE ADA WALKER, A.M. 1914, A.B. Rockford 1902,

\* October, 1916. † February, 1912.

Major subject: Chemistry; EDITH ELLEN WARE,† A.M. 1908, A.B. Goucher 1905, Major subject: History; ALEXANDER WEINSTEIN, B.S. 1913, A.M. 1914, Major subject: Zoology; HARRY WEISS,† C.E. 1913, A.M. 1915, Major subject: Bacteriology; OSCAR HELMUTH WERNER, A.B. Central Wesleyan 1910, A.M. Northwestern 1912, Major subject: Germanic Languages and Literatures; PEARL CLEVELAND WILSON, A.M. 1905, A.B. Vassar 1904, Major subject: Classical Philology; MARY MORTON WOOD, A.B. Chicago 1905, A.M. Radcliffe 1906, Major subject: Romance Languages and Literatures. [82 + 1].

## HONORARY DEGREES

*Master of Arts.* RICHARD TOWNLEY HAINES HALSEY, Author of *Works on American Art*; ANNA CAROLINE MAXWELL, Directress of the School for Nursing, Presbyterian Hospital.

*Doctor of Letters.* PAUL ELMER MORE, Author and critic.

*Doctor of Science.* ROBERT ANDREWS MILLIKAN, Professor of Physics, University of Chicago; GEORGE ELLERY HALE, Director of Mt. Wilson Observatory, Pasadena, California; GUGLIELMO MARCONI, Inventor.

*Doctor of Sacred Theology.* The Rt.-Rev. CHARLES HENRY BRENT, Bishop of the Philippine Islands.

*Doctor of Laws.* JOHN PURROY MITCHEL, Mayor of the City of New York; FRANK HARRIS HISCOCK, Chief Judge of the Court of Appeals, State of New York; V. K. WELLINGTON KOO, Minister of the Republic of China to the United States; and the following conferred during the year: January 25, 1917, GEORGE LOCKHART RIVES, Retiring Chairman of the Board of Trustees; May 10, 1917, Monsieur RENÉ VIVIANI, Ministre de la Justice, Ancien Président de Conseil; Le Maréchal JOFFRE; Rt.-Hon. Baron CUNLIFFE, of Headley, Governor of the Bank of England; Rt.-Hon. ARTHUR JAMES BALFOUR, O.M., His Majesty's Secretary of State for Foreign Affairs

## COMMENCEMENT CALENDAR

## TUESDAY, MAY 29

5:30 p. m. Presentation of Flags to Columbia Battalion, South Field.

## THURSDAY, MAY 31

Daily from 10 a. m. to 5:00 p. m. The following exhibitions in Avery Hall:

Drawings submitted in competition for the McKim Fellowship. Regular work of the School of Architecture during the year preceding.

8:30 p. m. Teachers College Senior Dance, Thompson Gymnasium (by subscription)

## FRIDAY, JUNE 1

7:30 p. m. Teachers College Senior Singing, Teachers College Garden.

8:30 p. m. Barnard Senior Play, Milbank Quadrangle (by subscription).

## SATURDAY, JUNE 2

1:30 p. m. Teachers College Beach Day, Long Beach, L. I. (By subscription.)

8:30 p. m. Barnard Senior Play, Milbank Quadrangle. (By invitation.)

## SUNDAY, JUNE 3

4:00 p. m. Baccalaureate Service, University Gymnasium: Sermon by the Rev. William Arnold Shanklin, LL.D.

## MONDAY, JUNE 4

2:00 p. m. Columbia College Class Day, Green between Earl and Mines. (By invitation.)

3:30-5:30 p. m. Teachers College Reception. Dean and Mrs. Russell, Thompson Gymnasium.

† February, 1917.

4:30 p. m. Columbia College Senior Tea. Furnald Hall.

8:00 p. m. Barnard College Senior Dance. Earl Hall. (By invitation and subscription).

TUESDAY, JUNE 5

10:30 a. m. Teachers College Senior Class Day. Horace Mann Auditorium. (By subscription.)

2:30 p. m. Barnard College Class Day, University Gymnasium. (By invitation.)

5:15 p. m. Phi Beta Kappa Joint Meeting, 301 Havemeyer Hall.

6:00 p. m. Phi Beta Kappa Dinner for the Columbia Section, Faculty Club.

8:00 p. m. Phi Beta Kappa Oration, 'The Duty of the United States in International Affairs', by Professor George Burton Adams of Yale, 305 Schermerhorn Hall.

8:30 p. m. Columbia College Senior Dance, Earl Hall.

COMMENCEMENT DAY, WEDNESDAY, JUNE 6

9:30 a. m. The Trustees, Faculties, and Graduating Classes will form in procession in the corridors of the Library and proceed to the Gymnasium. The procession will start promptly at 9:50.

10:30 a. m. Conferring of degrees and award of honors.

12:15 p. m. Presentations and Ceremonies: Unveiling Low Memorial, Presentation of Class of 1892 Gift, St. Paul's Chapel—Ceremonies at 1891 Fence between Mines and Engineering—Presentation of Crossed Hammers to recipients of Mining and Metallurgical degrees, Mines.

1:15 p. m. Alumni Luncheons:

For the Alumni and Officers of the University, in the Gymnasium. Chairman, President Butler.

For the Trustees, Officers, and Graduates of Barnard College, at Brooks Hall.

6:00 p. m. Alumnae Class Suppers, Barnard College.

THURSDAY, JUNE 7

7:00 p. m. Barnard Senior Banquet, Brinckerhoff Hall.



## DEGREES AND DIPLOMAS GRANTED, 1916-1917

	Men	Women	Total
<b>A. Degrees conferred in course:</b>			
Bachelor of Arts	125	136	261
Bachelor of Laws	165		165
Bachelor of Science	110	20	130
Bachelor of Science (Business)	2		2
Bachelor of Science (Pharmacy)	2		2
Bachelor of Science (Practical Arts)	38	288	326
Bachelor of Architecture	18	1	19
Bachelor of Literature	21	5	26
Chemical Engineer	36		36
Chemist	1		1
Civil Engineer	33		33
Electrical Engineer	25		25
Engineer of Mines	22		22
Mechanical Engineer	24		24
Metallurgical Engineer	3		3
Doctor of Medicine	90		90
Pharmaceutical Chemist	11	4	15
Master of Arts	208	181	389
Master of Arts (Education)	133	172	305
Master of Laws	3		3
Master of Science (Applied Science)	25		25
Master of Science (Architecture)	2		2
Master of Science (Business)	4		4
Master of Science (Practical Arts)		2	2
Doctor of Philosophy	67	15	82
<i>Total</i>	<i>1168</i>	<i>824</i>	<i>1992</i>
Deduct duplicates <sup>1</sup>	6	2	8
<i>Total individuals receiving degrees in course</i>	<i>1162</i>	<i>822</i>	<i>1984</i>
<b>B. Honorary degrees:</b>			
Master of Arts	1	1	2
Doctor of Letters	1		1
Doctor of Laws	8		8
Doctor of Science	3		3
Doctor of Sacred Theology	1		1
<i>Total</i>	<i>14</i>	<i>1</i>	<i>15</i>
<b>C. Certificates and Teachers College Diplomas granted:</b>			
Certificate of Proficiency in Architecture	8		8
Bachelor's Diploma in Education	27	211	238
Master's Diploma in Education	86	113	199
Doctor's Diploma in Education	3	1	4
<i>Total</i>	<i>124</i>	<i>325</i>	<i>449</i>
<i>Total degrees and diplomas granted</i>	<i>1306</i>	<i>1150</i>	<i>2456</i>
Deduct duplicates <sup>2</sup>	119	328	447
<i>Total individuals receiving degrees and diplomas</i>	<i>1187</i>	<i>822</i>	<i>2009</i>

<sup>1</sup> Distributed as follows: A.M. and LL.B., 2 men; A.M. and M.D., 1 man; A.M. and B.S., 1 man, 1 woman; A.M. and A.B., 2 men, 1 woman.

<sup>2</sup> In addition to those noted under Note 1 (8), the following duplications occur: A.B. and Teachers College Diploma, 3 women; B.S. and Teachers College Diploma, 26 men, 207 women; M.S. and Teachers College Diploma, 1 man; A.M. and Teachers College Diploma, 83 men, 111 women; Ph.D. and Teachers College Diploma, 3 men, 1 woman; Teachers College Diploma, 4 women.

# FELLOWSHIPS, SCHOLARSHIPS, AND OTHER PROVISION FOR THE ASSISTANCE AND REWARD OF STUDENTS

(For Awards see page 313)

NOTE: Unless otherwise provided, all stipends of Fellows and Scholars are paid in equal semi-annual instalments on the second Wednesday of each Winter and Spring Session. Before being entitled to receive the instalment of his stipend, each Fellow and Scholar is required to report himself in writing to the Registrar as in residence, on or before the opening day of each Session. Failure so to report may operate to vacate the fellowship or scholarship.

Fellows and Scholars are required to pay the University, tuition, and degree fees, as they are prescribed by the Statutes.

## GENERAL REGULATIONS

The following regulations apply, unless the contrary is specifically stated, to the award of all fellowships and scholarships:

In each case application in writing, on a blank prepared for the purpose, must be filed with the Secretary of the University; for fellowships and University scholarships on or before March 1, for other scholarships on or before May 1. Applications and documents received in support thereof later than these dates, or not distinctly indicating the name of the candidate and the fellowship or scholarship for which he applies, may fail of consideration. As an evidence of graduation, a printed certificate is preferable to the formal diploma itself, as there is risk that the latter may be lost or injured in transit.

The appointment is in each case for one year dating from July 1. The Fellowship or Scholarship is not available for the Summer Session or in Extension Teaching. Candidates will be notified as promptly as possible as to the success of their applications. If the applicant wishes the documents which he has submitted returned to him by mail he should enclose postage for the purpose, otherwise they will be held until called for. Documents will not be preserved for more than one year from the date of application.

All Fellows and Scholars, except, as hereinafter provided, shall reside in New York City or its vicinity during the academic year, unless permission be granted to study elsewhere. No Fellow or University Scholar may pursue a professional or technical course of study during his term.

The conditions under which the appointment may be granted are indicated in the following paragraphs.

## UNIVERSITY FELLOWSHIPS

Twelve fellowships, known as 'University Fellowships,' of the value of \$500, and in addition thereto the sum of \$150, or so much thereof as is necessary to pay the University and tuition fees, are awarded annually by the University Council at its stated meeting in April, to those graduates of colleges and scientific schools, not over thirty years of age, who show themselves especially fitted to pursue courses of higher study and original investigation. The candidate must give evidence:

(a) Of a liberal education, such as a diploma from a college or scientific school of good repute;

(b) Of decided fitness for a special line of study, such as an example of some scientific or literary work already performed;

(c) Of upright character, such as a testimonial from some instructor.

A Fellow may be reappointed for reasons of weight, but not for more than two terms of one year each. Vacancies will be filled in the same manner in which original appointments are made.

These fellowships are awarded as honors, and those who are so disposed for the benefit of others or for any other reason, to waive the pecuniary emolument, may do so, and still have their names retained on the list of Fellows. In such cases additional University Fellows may be appointed. Each Fellow is expected to perform such duties as may be allotted to him in connection with a course of study leading to the degree of Doctor of Philosophy. He is expected to devote his time to the prosecution of special studies under the direction of the department in which his major subject lies, and before the close of the academic year to give evidence of progress by the preparation of a thesis, the completion of a research, the delivery of a lecture, or by some other approved method. No Fellow shall be allowed to accept remunerative employment or to give instruction or assistance in any department of the University except by permission of the President, and the acceptance of any such employment, without such permission, shall operate to vacate the fellowship.

#### SPECIAL FELLOWSHIPS

Unless otherwise specified, the regulations as to the mode of application for the following fellowships, and the conditions governing their award and tenure, are the same as those for University Fellowships. Candidates should indicate clearly upon their application blanks the fellowship for which they are applicants.

*Adams.* The Ernest Kempton Adams Research Fellowship, founded by Edward Dean Adams, in memory of his son, Ernest Kempton Adams, E.E., '97, A.M. '98, is of an annual value of \$1,250. The appointment may be made from among the teaching staff, alumni, or students of the University. The incumbent shall prosecute researches either at Columbia or elsewhere, in the physical sciences, in psychology, or in their practical applications. The results of these investigations are published and distributed by the University under the title of 'Researches of the Ernest Kempton Adams Research Fellows of Columbia University'.

*Alumni Association (Medicine).* Provision is made annually by the Alumni Association of the College of Physicians and Surgeons for a fellowship, tenable for one year and of an annual value of \$650, open to graduates who have shown special aptitude for scientific research in the Department of Pathology. Appointments are made upon the nomination of the Executive Committee of the Alumni Association from candidates presented by the Professor of Pathology. Incumbents of this fellowship are expected to devote themselves to scientific research either at Columbia, where they enjoy free tuition and the privileges of the laboratories, or in other institutions either here or abroad at their own expense, and at the end of the year's work to present to the Association a thesis containing evidence of independent or original work.

*Archæology.* The University maintains an annual fellowship in the International School of American Archæology and Ethnology in Mexico.

*Barnard.* The Barnard Fellowship for Encouraging Scientific Research, endowed by the bequest of the late President Barnard, is awarded every third year beginning with 1918, upon the joint recommendation of the Faculties of Columbia College, Applied Science, and Pure Science to a graduate who, having shown decided aptness for physical investigation, is disposed to devote himself for some years continuously thereto. The Barnard Fellow receives the net income of the capital sum constituting the endow-

ment of the Fellowship which shall accrue during three years, amounting to \$1,237.50. The appointment is for the term of one year, but the incumbent shall be eligible to reappointment. It is the duty of a Barnard Fellow to devote himself to the investigation of some subject in physical science at this University, or at some other in this country or abroad, under the supervision of some known physicist approved by the Department of Physics. He will make a report certified to by the physicist superintending and directing him, giving an account of the work in which he has been engaged.

*Blumenthal.* The George Blumenthal, Jr., Fellowships for advanced study and research in medicine and surgery, are awarded each year by the University Council on the nomination of the Medical Faculty. The Fellows so appointed are entitled to receive annual stipends of not more than \$1,000 each. No fellow shall be reappointed for more than one year.

*Bridgham.* The Samuel Willard Bridgham Fellowship is awarded annually by the University Council on the recommendation of the Faculty of Applied Science, in accordance with the usual regulations governing University Fellowships. The Fellow is entitled to receive the net annual income of the capital sum of the Samuel Willard Bridgham Fellowship Fund, amounting to \$20,000.

*Class of '70.* The 'Class of '70 Fellowship' has an annual value of \$500. It is filled by the University Council, subject to such regulations as may be prescribed.

*Columbia.* The Columbia Fellowship in Architecture, established in recognition of the gift of F. Augustus Schermerhorn, E.M. '68, to the School of Architecture, is open every third year, beginning with 1915-1916, to all graduates of the School within the three years following graduation, and to all matriculated students who have completed the requirements for the Thesis. The Fellow is entitled to receive the net income accruing during a period of three years of the endowment fund of \$13,000. The holder of the fellowship is required to devote the income thereof to foreign study and travel in accordance with plans approved by the School of Architecture.

*Curtis.* The George William Curtis Fellowship is awarded for a term of two years upon the recommendation of the Faculty of Political Science in every third year, the next award being for 1916-1917. The Curtis Fellow is entitled to receive the net income of the endowment of \$10,000, accruing during a period of three years, and proportionately for any part of the term. Candidates shall submit an essay or address on the 'Immediate Duty of the American Citizen.' The Fellow shall devote himself to the study of the science of government, with a special view to its application to the then-existing condition of the United States or to the State or City of New York; and at or before the conclusion of his second year he shall publish (a) a monograph satisfactory to the Faculty of Political Science on some subject relating thereto, and (b) a brief sketch of George William Curtis as a citizen and orator, showing that he has familiarized himself with the life and character of the man whose memory is to be perpetuated by the fellowship which he has enjoyed.

*Cutting.* The William Bayard Cutting Traveling Fellowships, founded by Mrs. William Bayard Cutting, in memory of her husband, William Bayard Cutting, LL.B. '71, A.M. '72, are awarded annually by the Trustees to graduate students who have given evidence of ability to make contributions of value to letters, science, law, medicine, or the fine arts. The fellowships are open to men who have been in residence as graduate students and candidates for a higher degree under the Faculties of Political Science, Philosophy, or Pure Science, for at least one academic year, and to graduates of Columbia University in Law, Medicine, Applied Science, or the Fine Arts, who have had at least one year of additional study as graduate students in the University. In addition, not more than two members of the senior or graduating class in Columbia College may be appointed to such fellowships in any one year. Holders of these fellowships are required to pursue their studies either in the United States or in foreign

countries under such direction as may from time to time be prescribed. The stipend of each fellowship will be fixed at the time of its award and will depend upon the requirements and purposes of individual Fellows. The normal minimum stipend is \$1,000. Appointments are made by the Trustees at their stated meeting in June of each year, and the fellowships are available from July 1 following.

*Drisler.* The Henry Drisler Fellowship in Classical Philology, established in commemoration of the semi-centennial in the service of the University of Professor Henry Drisler, A.B. '39, is of the annual value of \$650. It is open to Bachelors of Arts of this University, or some other institution of equivalent standing, who have studied Greek and Latin throughout their undergraduate course, and who have an adequate knowledge of French and German. The appointment is made by the Council on the recommendation of the Department of Classical Philology. Reappointments may be made for not more than two terms of one year each. The Fellow must study at this University under the direction of the Department of Classical Philology, unless permitted by the Council to spend a year in some foreign university, or in the American School of Classical Studies at Athens, or in the American School of Classical Studies at Rome.

*Dubois.* The Abram Dubois Fellowship is open to a graduate of the School of Medicine who shall have satisfactorily completed a term of one year or more, the whole or greater part of which shall have been devoted to the diseases of the eye as interne in a hospital in New York or elsewhere, approved by the Committee on Award. The award is made annually, but the holder may be continued in the fellowship, if no equally worthy candidate presents himself. The incumbent is restricted to clinical and laboratory study of the subject of diseases of the eye in foreign or American universities.

*Emmons.* The Emmons Geological Fellowship, established as a memorial to Samuel Franklin Emmons, is awarded annually by the University Council upon recommendation of the Committee of Award who also prescribe in each particular case the amount of the stipend. Applicants for this fellowship must be qualified by proper geological training and experience to undertake the investigation of some problem in or related to Economic Geology. With the approval of the Committee this investigation may be carried on at any place or institution which may be approved by the holder of the fellowship, who must give his whole time to the problem selected, unless otherwise authorized by the Committee of Award. If, for any reason, the fellowship shall not be awarded in any given year, the Committee may nominate two fellows for the succeeding year or may otherwise dispose of the unexpended income of the fund for such year as it deems best, in accordance with the terms of the gift.

*Garth.* The Granville W. Garth Fellowship in Political Economy is awarded each year by the Council on the recommendation of the Faculty of Political Science. The Fellow is entitled to receive the net annual income of the Granville W. Garth Memorial Fund of \$16,250.

*Gilder.* Two or more Gilder Fellowships are awarded annually by the Council on the recommendation of the Faculty of Political Science to graduates of any college or university, or to students having exceptional qualifications. The Fellows shall devote themselves to the investigation of political and social conditions in this country or abroad; to the examination and analysis of the practical working of legislation enacted for the purpose of improving civic conditions or to practical civic work, in accordance with plans approved by the Professor of Politics and the Professor of Sociology. It shall be the duty of each Gilder Fellow to make a written report at least semi-annually to such professors, giving an account of the work on which he has been engaged. Each of such Fellows shall receive such portion of the income of the Richard Watson Gilder Fund for the Promotion of Good Citizenship as the Trustees may from time to time determine, provided that a portion of the income of the fund may be set aside to meet the cost of publishing the results of the investigations and studies of such Fellows, and

such publications shall bear the title of the fund. A fellow may be reappointed for two additional years.

*Goldschmidt.* The Samuel Anthony Goldschmidt Fellowship in Chemistry is awarded each year by the Council in the same manner as University Fellowships are awarded and subject to the same regulations. The Fellow shall be entitled to receive the annual net income of \$16,250, the gift of George B. Goldschmidt, as a memorial to Samuel Anthony Goldschmidt of the Class of '71.

*Gottsberger.* The Gottsberger Fellowship, awarded every second year, is open only to candidates who, having first taken a degree in Columbia College, have been, for not less than two years, resident graduate students at Columbia, taking also the Degree of Master of Arts. The holder may, with the consent of the professor in charge of his major subject of study, pursue his studies abroad. The Fellow is entitled to receive the net income for two years of the Cornelius Heeney Gottsberger Scholarship Fund of \$9,500.

*McKim.* The McKim Fellowship in Architecture, endowed by gift of Charles F. McKim, is open every third year, beginning with 1917-1918, to all graduates of the School of Architecture within the three years following graduation and to all matriculated students who have completed the requirements for the Thesis. The Fellow is entitled to receive the net income accruing during a period of two years of the endowment fund of \$20,000. The holder of the fellowship is required to devote the income thereof to foreign study and travel in accordance with plans approved by the School of Architecture.

*Mitchell.* The William Mitchell Fellowship is awarded annually by the Trustees, on the nomination of the Faculty of Columbia College, to a graduate of the College who purposes entering upon a course of advanced study in letters or science. In determining the appointment, preference is given to members of the graduating class and to graduates of not more than three years' standing. The Fellow is entitled to receive the net income of the fund of \$10,000, bequeathed by Benjamin D. Silliman, and he is permitted to study at Columbia or elsewhere.

*Mosenthal.* The Mosenthal Fellowship, established in memory of the late Joseph Mosenthal, is designed to aid talented students of musical composition, either men or women, in the study of their art. The stipend is the net income for two years of the capital sum of \$7,500. It is awarded every even year by the Council upon the recommendation of the Department of Music, and is tenable for one year. Applicants are required to show a thorough knowledge of harmony and of counterpoint and some ability to compose, by submitting a number of original compositions in support of their applications. The holder must devote himself to the study of musical composition at Columbia, or, with the approval of the department, abroad. In the former case, he shall be required, in addition to his studies in Music, to pursue such other studies in at least two departments of the University as the Department of Music may direct. The Fellow shall submit, at such times as may be designated, the results of his work in musical composition.

*Perkins.* The Perkins Fellowship, established by the bequest of Willard P. Perkins, is open every sixth year, beginning with the year 1902, to all graduates of the School of Architecture within the three years following graduation, and to all matriculated students who have completed the requirements for the Thesis. The Fellow is entitled to receive the net income accruing during a period of six years of the endowment fund of \$5,700. The holder of the fellowship is required to devote the income thereof to foreign study and travel in accordance with plans approved by the School of Architecture.

*Plaut.* The Isaac Plaut Fellowship for the encouragement of graduate study and original research in Pharmacy, established by Albert Plaut in memory of his father, is

of an annual value of \$500. It is open to that Bachelor of Science in Pharmacy of the College of Pharmacy who shall have shown among the members of his class during his course of study the greatest taste and aptitude for original investigation. The appointment is made by the University Council upon the nomination of the Trustees of the College of Pharmacy. The Fellow shall attend a foreign institution to be selected by himself and approved by the Faculty of the College of Pharmacy, and shall pursue a course of study approved by the Faculty. At the close of his incumbency he shall present to the Faculty a written report of his work.

*Proudfit (Letters).* The Alexander Moncrief Proudfit Fellowship in Letters for the encouragement of the study of English Literature established by the bequest of Alexander Moncrief Proudfit, is open to any son of native-born American parents who shall have taken the degree of Bachelor of Arts after three years' residence in Columbia College, and who shall, while enjoying such fellowship, remain unmarried. The appointment is made by the Council upon the recommendation of the Department of English. The Fellow is entitled to receive the net income of the sum of \$13,875. He shall carry on his studies and research at Columbia or elsewhere, under the direction of the department named.

*Proudfit (Medicine).* The Maria McLean Proudfit Fellowship, endowed by the late Alexander Moncrief Proudfit, A.B. '92, for the encouragement of advanced studies in medicine, is open to any son of native-born American parents, a graduate in medicine, who shall pursue advanced studies in internal medicine under the direction of the Medical Faculty of the University, and who shall, while enjoying such fellowship, remain unmarried. The appointment is made every four years by the University Council on the recommendation of the Faculty of Medicine, upon terms designated by the Faculty. The Fellow shall carry on his studies under the direction of the Faculty of Medicine.

*Schiff.* The Schiff Fellowship in Political Science, the gift of Jacob H. Schiff, is of an annual value of \$600. The appointment is made by the Council upon the recommendation of the Faculty of Political Science, which recommendation is based upon the provision that on or before April 1 of each academic year the Faculty of Political Science shall propose to Jacob H. Schiff, while living, the name of a suitable person for nomination by him. The conditions to govern the nomination after Mr. Schiff's death will be found in the University Statutes.

*Schurz.* The Carl Schurz Fellowship for the study of the German Language and Literature is awarded, in every even-numbered year, by the Council, upon the recommendation of the Department of Germanic Languages and Literatures. The Fellow is entitled to receive the net income for two years of the capital sum of \$10,000, constituting the endowment contributed by citizens of New York, in commemoration of the seventieth birthday of Carl Schurz. The appointment may be renewed for reasons of weight for a further term of one year, but without additional stipend. The holder of the fellowship must remain at Columbia under the direction of the department unless permitted by the Council to study at some German university.

*Trowbridge.* The William Petit Trowbridge Fellowship in Engineering is awarded annually by the Trustees on the recommendation of a Committee consisting of the President of the University and the heads of the Departments of Mining, Civil, Mechanical, and Electrical Engineering. The Fellow so appointed is entitled to receive the net annual income of the sum of \$10,000, comprising the Trowbridge Fellowship Fund, and is to be governed by such regulations as the Committee shall prescribe. If, for good and sufficient reasons, the fellowship is not awarded at any given time, the income may be expended for the advancement or encouragement of engineering research, as determined by the Committee of Award.

*Tyndall.* The Tyndall Fellowship for the Encouragement of Research in Physics, endowed by Professor John Tyndall, is awarded every second and third year in a

cycle of three years, beginning with 1915, for the term of one year only, upon the recommendation of the Department of Physics either to a graduate of the University or to a student in it, who may have shown decided talent in physics, preferably to one who shall express the determination to devote his life to the advancement of theoretic science and original investigations in that department of learning. The Tyndall Fellow receives the net income of the capital sum constituting the endowment of the Fellowship for one and one-half years, to the minimum amount of \$972. It is the duty of a Tyndall Fellow to devote himself fully to the investigation of some subject in physical science at this or some other university, under the supervision of some known physicist approved by the Department of Physics. He shall make a report, certified to by the physicist superintending and directing him, giving an account of the work in which he has been engaged.

#### ANNUAL FELLOWSHIPS

The Treasurer may receive gifts of money for fellowships for one year or more, provided that no fellowship shall be created for less than \$500 per annum. Such fellowship shall be filled by the University Council, subject to such regulations as may be prescribed.

#### UNIVERSITY SCHOLARSHIPS

Twenty-eight University Scholarships, of the value of \$150 each, are awarded annually by the University Council at the stated meeting in April, under the following regulations:

These scholarships are open to graduates of all colleges and scientific schools of approved standing, who are candidates for a higher degree, not over thirty years of age, whose course of study has been such as to entitle them to be enrolled at Columbia as candidates for one of the higher degrees. They are tenable for one academic year, with a possibility of renewal for one year longer. In the awards preference will be given to those candidates for University fellowships who have failed of appointment after having been recommended by any faculty or department. University Scholars will be required to enroll themselves as candidates for a higher degree and to pursue a regular course of study leading thereto. A University Scholar may relinquish the income thereof without waiving his right to be thus designated.

*Curtis University Scholarships.* Four University Scholarships, known as the Curtis University Scholarships, are awarded annually to women students under the Faculties of Political Science, Philosophy, and Pure Science, under the same regulations as those governing the University Scholarships.

#### SPECIAL SCHOLARSHIPS

*Aldrich.* The scholarship known as the James Herman Aldrich Scholarship, established by James Herman Aldrich, of the Class of '63, by a gift of \$5,000 in commemoration of the fiftieth anniversary of his graduation, is awarded annually to such persons as the president may designate, with the approval of the Trustees.

*Alumni Association (College).* Four Alumni Association Scholarships have been established in the College by the Trustees in recognition of the interest that the Alumni Association has always shown in the affairs of the College, and are open only to Freshmen who complete the requirements for admission before matriculation.

*Alumni Competitive (College).* Four Alumni Competitive Scholarships were established in the College by the Trustees in 1890. One is awarded annually by the Committee on University Admissions to those qualified Freshmen who pass in June the best entrance examinations in subjects aggregating the 15 units requisite for admission. The examination may be taken at any point where examinations are held by the College



Entrance Examination Board. No applications are required from candidates for first appointment. Reappointments are made under the general regulations of the Committee on Scholarships.

*Beck (College).* The Beck Scholarship was established in the College in recognition of the liberality of Charles Bathgate Beck, A.B. '77, LL.B. '79, and is awarded to applicants whose record for ability and scholarship obtained either before or after matriculation gives evidence of special fitness for the course of study they wish to pursue. Students not in need of financial aid cannot be considered as applicants, nor can those who, through physical, mental, or moral weakness, give little promise of future usefulness.

*Beck (Law).* The Charles Bathgate Beck Prize Scholarship is awarded to the first-year candidates who pass the best examination in the subject relating to Real-Estate Law. The holder shall, provided he remains a member of the School of Law, receive one year's income of the prize fund established by the will of Charles Bathgate Beck in equal semi-annual instalments, during the two years following the award. If two or more students pass examinations of equal merit, the income of the fund may be divided.

*Benefactors.* Sixty-three scholarships of tuition value were established by the Trustees in 1899 in recognition of the liberal gifts for the purchase of the site of Morningside Heights received from J. Pierpont Morgan, Cornelius Vanderbilt, A. A. Low, R. Fulton Cutting, Alfred Corning Clark, Samuel Sloan, Henry Parish, Jacob H. Schiff, and others. These scholarships have been assigned to different faculties as follows: Columbia College, 20, open only to Freshmen; Applied Science, 27, open only to students who have been in the University at least one year; Law, 16, open to students who have been in the School of Law at least one year.

*Blumenthal.* A scholarship, or scholarships, open to qualified candidates, is maintained in the College of Physicians and Surgeons by the income of George Blumenthal, Jr., Scholarship Fund. An annual award is made to a student, or students, to cover the cost of tuition or for other purposes, in amounts not less than \$250 nor more than \$500 to any one student in any one academic year.

*Brooklyn.* Twelve Brooklyn Scholarships were established in the College by the Trustees in 1895, in recognition of ex-President Low's gift of a memorial building for the University Library. Three are open for competition annually to residents of Brooklyn trained either in the public or the private schools of that borough, on the same basis as the Alumni Competitive Scholarships.

*Burgess.* Two scholarships were established by the bequest of Annie P. Burgess, known as the Dr. Daniel M. Burgess and the Annie P. Burgess Scholarships, and are to be awarded annually by the President and Trustees to two worthy and deserving young men of good habits and Christian character, who may be unable to pay their own expenses while pursuing their studies in the University. The value of these scholarships is the income of the two distinct sums of \$5,000 each.

*Butler.* The Richard Butler Scholarship, tenable for one academic year, with the possibility of renewal for each of two years more, for the benefit of male students born in the State of Ohio, is open for competition to qualified candidates who propose to enter any college or school of the University, except Teachers College or the College of Pharmacy. The annual value (to be applied to tuition charges) is the income of a fund of \$5,000, given for the establishment of the scholarship. Applications should be made under the same regulations as those for University Scholarships.

*Campbell.* Two Campbell Scholarships were established in the College by gift from Miss Maria L. Campbell and Miss Catherine B. Campbell, in memory of Robert B. Campbell of the Class of '84, and Henry P. Campbell of the Class of '47. The scholarships are awarded on the same basis as the Beck Scholarships.

*Clark.* By the will of the late Alonzo Clark, M.D., LL.D., for many years President of the College of Physicians and Surgeons, and Professor of Pathology and Practical

Medicine, a scholarship has been established with an income of \$575 a year, for the purpose of promoting the discovery of new facts in medical science.

*Class of '48.* The class of 1848 Scholarships were established in the College by an anonymous gift and are awarded on the same basis as the Beck Scholarships.

*Class of '85.* The Class of 1885 Scholarship was established by the Class of '85, School of Mines, in memory of the twenty-fifth anniversary of graduation, by a gift of \$10,000. The scholarship is open to duly registered students in the Schools of Mines, Engineering, and Chemistry.

*Daly.* The Marcus Daly Scholarship of the annual value of \$1,000, maintained by Mrs. James W. Gerard in memory of her father, is open to that worker or descendant of a worker in the Montana mines who passes the best competitive entrance examinations to the course in Mining Engineering. The winner of the scholarship shall hold the same throughout his course in mining engineering, subject to the same conditions of reappointment as those imposed upon the holders of Competitive Scholarships in Columbia College.

*Devendorf.* The Devendorf Scholarship, established by a gift of \$6,500 from Mrs. Lodema W. Devendorf in memory of her husband, David M. Devendorf, of the Class of '61, is open to a qualified candidate for the degree of M.D. In making the award preference shall be given to a student from the county of Herkimer, in the state of New York, and preferably to a student from the town of Herkimer.

*De Witt.* The George G. De Witt Scholarship, established in memory of George G. De Witt, of the Class of '67, is awarded for three years to a student entering the Law School. The incumbent of the scholarship shall be a graduate of Columbia College, of Christian parentage, of good mental and moral standing in his class, who may need assistance to enable him to pursue the three-year course in the Law School, and who in the judgment of the Law Faculty, shall be worthy of such privilege. The holder of the scholarship shall reside in a University residence hall. The value of the scholarship shall not exceed the annual income of the fund of \$15,000 given to the University for this purpose.

*Doughty.* A scholarship known as the Francis E. Doughty Scholarship, of \$400, or so much thereof as the income of the Francis E. Doughty, M.D., Scholarship Fund will suffice to pay, is awarded annually to such person as the Faculty of the College of Physicians and Surgeons may appoint, in accordance with the rules to be made by them with the approval of the Trustees.

*Faculty.* The trustees have established a series of scholarships known as the Faculty Scholarships which are allotted among the several faculties as follows: College 6, Law 4, Medicine 4, Science 8, Architecture 4.

*General Theological Seminary.* A scholarship is awarded in the General Theological Seminary of the Protestant Episcopal Church by the Trustees of Columbia University upon the following conditions: All candidates shall comply with the requirements for admission to the General Theological Seminary, and as candidates for the ministry of the Protestant Episcopal Church, and must have taken the degree of Bachelor of Arts and have been graduated with honors. Candidates shall report themselves to the Education Committee of the Society for Promoting Religion and Learning in the State of New York at least three months previous to the examination to be held by the Faculty of the General Theological Seminary for the purpose of awarding such scholarship.

*Hall.* The George Henry Hall Scholarship, established by the bequest of \$15,000 by George Henry Hall, is open to undergraduates of Columbia College and is awarded by the Faculty of Columbia College, preference to be given to candidates approved by alumni associations or clubs. The award is made for four years, but terminates if the incumbent fails to maintain a grade of scholarship satisfactory to the Faculty or ceases

to be an undergraduate student in Columbia College. By the terms of the bequest the recipient must be in need of assistance, of good physical constitution, in good health at the time of his appointment, and a native of the United States. The scholarship provides for the payment of all fees and the rent of a room in Hartley Hall.

*Harsen.* The income of a fund established by the late Jacob Harsen, M.D., in 1859, for the purpose of "promoting the study of Medical and Surgical Practice," has been made available for the award of five scholarships to students in the College of Physicians and Surgeons, in lieu of the Harsen prizes heretofore awarded. Two of these scholarships may be awarded to students taking the second year in the medical course; two to students in their third year, and one to a student in his fourth year, provided that the aggregate of the stipends of such scholarships shall not exceed the income earned by the fund during the preceding year.

*Harper and Hewitt.* Four scholarships known as the Harper and Hewitt Scholarships endowed, two by the gift of Abraham S. Hewitt, LL.D., of the Class of '42, and two by the bequest of Joseph W. Harper, A.M., of the Class of '48, are open annually for competition to graduates of New York City high schools, on the same basis as the Alumni Competitive Scholarships.

*Hartley.* A scholarship, known as the Frank Hartley Scholarship, of a value not to exceed the annual income of the Frank Hartley Scholarship Fund, is awarded annually to a student in the Medical School in accordance with the general regulations of the Medical Faculty governing scholarships.

*Jones.* The Wavepex Society makes annual provision for a scholarship amounting to \$200 and including the use of a table at the biological laboratory at Cold Spring Harbor, L. I. The award is made by the Council upon the recommendation of the Department of Zoology.

*McClymonds.* The Louis K. McClymonds Scholarships (2) of the annual value of \$650, maintained by Mrs. Annie K. McClymonds in memory of her late husband, are open to those candidates for the degree of A.B. or B.S. who shall have satisfactorily completed the requirements for admission, and who, in the judgment of the Faculty of Columbia College, shall be deemed most deserving of appointment. Preference shall be given to sons of American-born parents who have no other means of providing for their tuition and living expenses during the academic year.

*Moffat.* Two Moffat Scholarships, endowed by William B. Moffat, A.B., '38, M.D., '42, are awarded on the same basis as the Alumni Association Scholarships.

*Montgomery.* A prize, to be known as the Montgomery Prize, consisting of the annual income of the gift of \$1,000 to the University by Mr. Robert H. Montgomery, for the purpose, is awarded annually to the member of the graduating class of the School of Business who has specialized in Accounting and who is deemed by the staff of the School of Business to be most proficient in all courses.

*Pulitzer.* Through the generosity of the late Mr. Joseph Pulitzer, male graduates of the public high schools of the city of New York, not to exceed forty at any time, are awarded scholarships upon competitive examination. Each scholarship so awarded may be held for a period of four years in the College or in any department of the University except the Medical School, Teachers College, and the College of Pharmacy. The scholarship will be withdrawn if at any time the holder fails to maintain a satisfactory standard in his academic work. During his term the scholar receives the sum of \$200 a year over and above the cost of his tuition.

*Religion and Learning.* Eight Scholarships of the Society for Promoting Religion and Learning have been founded and are awarded on the nomination of this Society.

*Saunders.* The Leslie M. Saunders Scholarship is awarded every four years to a student entering Columbia College. The value of the scholarship is the annual income of the fund of \$16,000, bequeathed to the University by Alexander Saunders. The

scholarship is awarded on the nomination of the principal and teachers of the Yonkers, New York, High School, or a majority of them. The scholarship may be held for four years unless an appointment has been definitely made for a shorter term.

*Schermerhorn.* Five Schermerhorn Scholarships, endowed by John Jones Schermerhorn, A.B. '25, are open only to Freshmen in the College. The requirements for admission must be completed before matriculation. They are awarded on the same basis as the Alumni Scholarships.

*Stuart.* Two Stuart Scholarships were established in the College by the gift of Mrs. Cornelia A. Atwill, in memory of her grandsons, Sidney Barcula Stuart, of the Class of '80, and Eugene Talman Stuart, of the Class of '81. They are awarded on the same basis as the Alumni Association Scholarships.

*Vanderbilt.* In recognition of the liberal gifts of William H. Vanderbilt to the College of Physicians and Surgeons, four scholarships, to be known as the William H. Vanderbilt Scholarships, have been established. These are open to students of any class.

*Wheeler.* A scholarship, known as the John Visscher Wheeler Scholarship in memory of John Visscher Wheeler of the Class of '65, of a value not to exceed the annual income of the fund of \$12,000, bequeathed to the University by Mrs. Susan E. Johnson Hudson, is awarded every four years, or oftener, if a vacancy shall occur, to a student entering Columbia College. In awarding this scholarship, preference shall be given to candidates nominated by alumni associations and clubs, and among such candidates to the sons of alumni of Columbia College. The holder of the scholarship shall reside in Hartley Hall. The scholarship shall be held for four years unless sooner vacated by the operation of the general rules governing scholarships.

#### ANNUAL SCHOLARSHIPS

The Treasurer may receive gifts of money for scholarships for one or more years, provided that no such stipend shall be less than the annual tuition fee of the college or of the school in which it is provided.

#### FOREIGN STUDENTS

Beginning with 1910, exemption from the regular tuition fees is granted for a period of ten years to advanced students from Scandinavian universities, not exceeding three students in any one year, who may be nominated by their respective universities and recommended by the American-Scandinavian Society.

Beginning with 1910 exemption from the regular tuition fees is granted for a period of ten years to students from Turkey, not exceeding three students in any one year, who may be nominated by the Turkish Government, and recommended by the American Ambassador at Constantinople.

Beginning with 1912, exemption from tuition fees is granted to duly qualified students from China, not exceeding four in any one year, who may be nominated for the privilege by the Chinese Government.

#### LOAN FUNDS

There are four funds (the Schiff, the Shoemaker, the Payne, the Class of 1879 School of Mines, the Class of 1885, and the Class of 1887 School of Mines Funds) available for short-term loans to needy students, which may be drawn upon by permission of the President.

#### MEDALS AND PRIZES

Essays submitted in competition for any of the following should, unless otherwise indicated, be submitted to the Secretary of the University not later than May 1, in the

year of award. The essays should be signed fictitiously and should be accompanied by a sealed envelope containing the author's name and address. The awards are announced at Commencement and, unless otherwise indicated, are annual.

*Alumni Association (Architecture).* The Alumni Association of the School of Architecture offers an annual medal for proficiency in advanced design.

*Alumni Association (College).* A prize of \$50 in money or its equivalent "to the most faithful and deserving student of the graduating class" was established in 1885 by the Association of the Alumni of Columbia College. The graduating class selects the incumbent from three names submitted to it by the Faculty; or if, ten days prior to Commencement, the class should notify the President of the University of its failure to make a selection, the award may be made by the Faculty.

*Alumni Association (Medicine).* The Alumni Association Prize of \$500 is awarded biennially to an alumnus of the College of Physicians and Surgeons for the best medical essay submitted upon any subject that the writer may select. Essays should be sent to the Secretary of the Alumni Association of the College of Physicians and Surgeons on or before April 1 of the year of award.

*American Institute of Architects.* The American Institute of Architects offers an annual medal to that student of the School of Architecture who has during his course maintained the best general standard in all departments of his work.

*Barnard.* A gold medal of the value of \$200 established by the provisions of the will of President Barnard and endowed by him, known as the Barnard Medal for Meritorious Service to Science, is awarded quinquennially to such person, if any, whether a citizen of the United States or any other country, as shall within five years next preceding have made such discovery in physical or astronomical science or such novel application of science to purposes beneficial to the human race as, in the judgment of the National Academy of Sciences of the United States, shall be esteemed most worthy to such honor.

*Bennett.* A prize established through a gift of \$1,000 from James Gordon Bennett may be awarded by the Faculty of Political Science for the best essay upon some subject of contemporaneous interest in the domestic or foreign policy of the United States. The competition is open to students not holding a baccalaureate degree who pursue courses amounting to six hours a week in the School of Political Science.

*Bunner.* The H. C. Bunner Gold Medal, established by the friends of the late Henry Cuyler Bunner, or its equivalent in cash, is awarded to the candidate for a Columbia degree who shall present the best essay on an assigned subject in American literature. The award will be made by a committee to be appointed by the President.

*Butler.* The Nicholas Murray Butler Medal is awarded in gold at the Commencement of 1915 and each fifth year thereafter, in accordance with such rules and regulations as the Trustees may from time to time establish, for the most distinguished contribution made during the preceding five-year period anywhere in the world to philosophy or to educational theory, practice, or administration. The medal is also awarded in silver or bronze at the Commencement of 1915 and each year thereafter, in accordance with such rules and regulations as the Trustees may from time to time establish, to that graduate of Columbia University in any of its parts who has, during the year preceding, shown the most competence in philosophy or in educational theory, practice, or administration, or who has during that time made the most important contribution to any of these.

*Cartwright.* The Cartwright Prize of \$500 was endowed by a bequest of \$10,000 by Benjamin Cartwright, and is offered for competition in alternate years with the Alumni Association Prize. It is awarded on the same terms as the latter, except that it is open to general competition.

*Chandler Medal.* A gold medal, known as the Chandler Medal, is awarded annually to the person appointed Chandler Lecturer on the Charles Frederick Chandler Foundation established by alumni and former students of Professor Chandler.

*Chanler.* By the bequest of J. Winthrop Chanler, A.B., '47, the income of \$1,000 is awarded annually, at Commencement, to the member of the graduating class of Columbia College who, in the judgment of the Faculty, shall be the author of the best original manuscript essay on the history of civil government in America, or some other historical subject, to be determined by the Faculty.

*Class of 1889 Medal.* A prize, to be known as the 'Class of 1889 Medal', is awarded to a graduate of the School of Mines, or of any of the Schools of applied Science, or of the School of Architecture, who shall have distinguished himself in any sphere of human effort. The Jury of Award shall be the President of the University, the President of the Alumni Association of the Schools of Science, the senior Alumni Trustee who is a graduate of the School of Mines, or of one of its allied schools, and a representative of the Class of 1889, appointed by the Class. Presentations of the medal are made at three-year intervals dating from 1914.

*Cock.* A prize, to be known as the Thomas F. Cock, M.D., Prize, consisting of the annual income of the fund of \$1,000 bequeathed by Augusta C. Chapin to the University for the purpose is awarded annually at Commencement, under such regulations as the Faculty of Medicine may from time to time establish, to the student in the College of Physicians and Surgeons who shall submit the best thesis on puerperal fever.

*Convers.* A prize, known as the E. B. Convers Prize, the annual income of the sum of \$1,000, has been established in the School of Law in memory of E. B. Convers, of the Class of '66. This prize is awarded annually to such member of the graduating class in the Law school as may write the best original essay on some legal subject to be chosen from a list of ten subjects prepared each year by the Faculty of Law, or on any other legal subject approved by the Faculty.

*Curtis.* An endowment fund of \$1,000 established by the late Samuel Putnam Avery, an associate of George William Curtis in the work of civil service reform, provides for the award of two medals of gold and silver, or the equivalent in cash, to students in Columbia College for excellence in public delivery of English orations. Competitors must be either third- or fourth-year students in regular standing, or in exceptional cases, and with permission of the Dean, special students taking corresponding courses amounting to not less than twelve hours a week. The Department of English publishes about November 1 a list of subjects for the competition. Subjects not on the list may be chosen with the consent of the department provided that application be made not later than December 1. The contestants will be selected by the department at a preliminary competition which will not be open to the public. The award will be made by judges appointed by the President.

*Darling.* The Edward A. Darling Prize in Mechanical Engineering, the income of \$1,000, bequeathed by Edward A. Darling, formerly Superintendent of Buildings and Grounds, is awarded annually to the most faithful and deserving student of the graduating class in Mechanical Engineering. The recipient of the prize is to be chosen by ballot, by members of the graduating class in the course in Mechanical Engineering, from among three names to be chosen by the Faculty of Applied Science.

*Earle.* A prize of \$50 established in memory of Mortimer Lamson Earle, Instructor in Greek in Barnard College from 1889 to 1895 and from 1898 to 1900, and Professor of Classical Philology from 1900 to 1905, is open for annual competition to all candidates for the degree of Bachelor of Arts. It will be awarded partly on the basis of the regular work of the year in Greek and in Latin, partly on the basis of a special examination held in May or June. The special examination will cover specified portions of

Greek and Latin literature, sight-reading in Greek and in Latin, and prose composition in Greek and in Latin.

*Einstein.* A prize known as the Einstein prize in American Diplomacy was established by Dr. and Mrs. Charles Waldstein in memory of Mr. and Mrs. D. L. Einstein. The prize is awarded annually at Commencement to that student who having been regularly enrolled in the University as a candidate for a degree for not less than two academic years shall be deemed by the Department of Public Law to have done the best and most original work in American Diplomacy.

*Elsberg.* A prize to be known as the Albert Marion Elsberg Prize, established by Mrs. Albert Elsberg in memory of her son, Albert Marion Elsberg, of the Class of '05, shall be awarded annually to that student who, having been regularly enrolled in Columbia College as a candidate for a degree for not less than one academic year, shall be recommended by the Department of History for excellence in Modern History. The prize shall consist of a medal and, at the option of the winner, \$50 or books having that value.

*Green.* The Albert Asher Green Memorial Prize of \$50 in gold, established by Mr. and Mrs. Asher Green in memory of their son, a member of the class of 1914, is awarded annually at Commencement to that member of the Senior Class who, having been for at least three years a student in good standing in Columbia College has, in the judgment of the Faculty, made the best record in scholarship during his undergraduate course.

*Illig.* A bequest of \$2,000 left by William C. Illig, E.M., '82, provides for the annual award of medals at Commencement to the student, or students, in the graduating class of the Schools of Mines, Engineering, and Chemistry, who shall, in the judgment of the Faculty, have merited the same by commendable proficiency in their regular studies.

*Loubat.* Joseph F. Loubat has endowed two prizes of \$1,000 and \$400, respectively, for the best works published in the English language upon the history, geography, archaeology, ethnology, philology, or numismatics of North America. Competition is open to all persons, whether connected with Columbia University or not, and whether citizens of the United States or of any other country. No treatise shall be eligible for the purposes of the competition except such as relate to the topics involving antiquarian research, or that refer to events prior to 1776. In order to insure consideration of their works, authors are invited to send copies to the President of Columbia University not later than April 1 of the year in which the prize is to be awarded; but the competition will not be restricted to works thus submitted.

*Ordranax.* A prize to be known as the Ordranax Prize in Law is, by vote of the Faculty, awarded annually to the candidate for the degree of Bachelor of Laws of at least one year's standing on the basis of general proficiency in legal study.

*Rolker.* A prize to be known as the Charles M. Rolker, Jr., Prize, to be publicly awarded on Class Day, is provided for by the gift of Mrs. C. M. Rolker in memory of her son, Charles M. Rolker, Jr., of the Class of '07. The income of the fund is to be awarded to the member of the graduating class of Columbia College deemed by his classmates the most worthy of special distinction as an undergraduate student, because of scholarship, participation in student activities, pre-eminence in athletic sports, or in any combination of these.

*Seminary.* The Protestant Episcopal Society for Promoting Religion and Learning in the State of New York have established two prizes, known as the Society's Greek Seminary Prize of \$30, and the Society's English Seminary Prize of \$20 with the stipulation that notice shall be given every year of the conditions of the prizes under the old regulations and applications be invited. Wherever the conditions of the preceding competition show that one or both of the prizes have not been taken for lack of applicants, notice shall at the same time be given of the competition for the prize or prizes

thus open under the new regulations set forth each year in the current *Announcement of Columbia College*.

*Smith.* The Smith Prize was established by the relatives, friends, and pupils of Dr. Joseph M. Smith, as a memorial of his services as Professor in the College of Physicians and Surgeons from 1826 to 1866. Under the provisions of the trust an annual prize of \$100 is awarded for the best essay on the subject of the year, presented by an alumnus of the College of Physicians and Surgeons. The competing essays should be sent to the Dean of the College of Physicians and Surgeons on or before March 10.

*Squires.* The Grant Squires Prize, the income for five years of a fund of \$1,000, established by Grant Squires, A.B., '85, LL.B. '87, is awarded at the close of every quinquennial period, to such graduate conducting an original investigation of a sociological character as shall be adjudged most worthy by a Committee of Award, consisting of the President, the Professor of Sociology, and one of the Professors of Political Economy appointed by the Faculty of Political Science. Such award shall be deemed to be a recognition of scientific ability and achievement, as well as an encouragement of research.

*Stevens.* The Stevens Triennial Prize, value \$2,000, established by the late Alexander Hodgdon Stevens, M.D., formerly President of the College of Physicians and Surgeons, is open for universal competition. The Dean of the Medical Faculty, the President of the Alumni Association of the College of Physicians and Surgeons, and the Professor of Physiology are, *ex-officio*, the administrators of the prize. Essays must be in the hands of the first-named on or before January 1 of the year of award.

*Stokes.* A prize of \$40, to be known as the Caroline Phelps Stokes Prize, is awarded annually to that student who, having been regularly enrolled in Columbia College, or Barnard College, or Teachers College as a candidate for an academic degree for not less than one academic year shall be deemed to have written the best essay upon the Rights of Man as the committee of selection shall determine.

*Toppan.* A prize known as the Robert Noxon Toppan Prize, the income of an endowment of \$4,000, in memory of Robert Noxon Toppan, LL.B., '61, is awarded annually to the member of the School of Law or of Political Science who shall pass the best written examination upon a paper prepared by the Professor of Constitutional Law.

*Van Amringe.* A prize known as the Professor Van Amringe Mathematical Prize was established by George G. Dewitt of the Class of '67 by a gift of \$5,000. The annual income of the fund is awarded at Commencement to that student who, having been regularly enrolled in Columbia College as a candidate for an academic degree for not less than one academic year and a half, and not more than two academic years, shall be deemed most proficient in the mathematical subjects designated during the year of award for Freshmen and Sophomores in the College. The examinations for the prize shall be held annually under the direction of the Department of Mathematics.

*Van Buren.* A prize known as the John Dash Van Buren, Jr., Prize in Mathematics was established by Mrs. Louis T. Hoyt in memory of her nephew, John Dash Van Buren, Jr., a member of the Class of '05. The annual income of \$5,000 is awarded to the candidate for an academic degree who passes the best examination in analytical geometry, differential and integral calculus, and in such additional subjects as the Department of Mathematics may prescribe.



## FELLOWS AND SCHOLARS

### ADAMS RESEARCH FELLOWS

1905-1907	ERNEST FOX NICHOLS	1911-1914	ROBERT W. WOOD
1907-1909	BERGEN DAVIS	1914-1915	S. ALFRED MITCHELL
1909-1911	CLARK WELLS CHAMBERLAIN	1915-1916	S. ALFRED MITCHELL
		1916-1917	RAYMOND DODGE

### BARNARD FELLOWS

1894-1896	WILLIAM LISPENARD ROBB	1908-1911	CLEMENT S. BRAININ
1897-1900	HEINRICH RIES	1911-1912	GEORGE ADDISON BOLE
1900-1903	JOHN ALEXANDER MATHEWS	1912-1913	EDWARD SCHRAMM
1903-1905	WILLIAM CAMPBELL	1913-1914	BENJAMIN LIEBOWITZ
1905-1907	CLARENCE WHITNEY KANOLT	1914-1915	GUSTAV EGLOFF
1907-1908	HAROLD WORTHINGTON WEBB	1915-1916	MARY AMERMAN GRIGGS

### CLASS OF '70 FELLOW

1897 LEWIS BUFFETT CARLL

### CURTIS FELLOWS

1901-1902	JAMES WILFORD GARNER	1910-1911	SYDNEY D. MOORE HUDSON
1902-1904	CHARLES AUSTIN BEARD	1911-1912	SAMUEL MACK EASTMAN
1904-1906	CHARLES GROVE HAINES	1913-1914	ROBERT EUGENE CUSHMAN
1907-1908	EDWARD MCCHESENEY SAIT	1914-1915	SPENCER MILLER, JR.
1908-1909	BLAINE FREE MOORE	1916-1917	FRANCIS STUART FITZPATRICK
		1917-1918	FREDERICK NEWTON EDWARDS

### CUTTING TRAVELLING FELLOWS

(No Cutting Fellows were appointed for 1917-1918.)

### DRISLER FELLOWS

1894-1896	JOHN KASSON LATHROP	1906-1908	CHARLES JONES OGDEN
1896-1897	GEORGE N. OLCOTT	1908-1910	HUBERT MCNEILL POTEAT
1897-1898	WILLIAM T. F. TAMBLYN	1910-1911	IRVING COMES DEMAREST
1898-1899	CORLISS FITZ RANDOLPH	1911-1913	RHYS CARPENTER
1899-1900	EDWARD CHARLES HARWOOD	1913-1914	CLARENCE AUGUSTUS MANNING
1900-1901	BERT HODGE HILL	1914-1915	FRANK MICHAEL DEBATIN
1902-1903	HARWOOD HOADLEY	1915-1916	HARRIET EMMA MCKEE
1903-1904	WALTER WHIPPLE ARNOLD	1916-1917	EMMA ADELAIDE HAHN
1905-1906	MACON ANDERSON LEIPER	1917-1918	LEWIS LAZARUS SELL

### EMMONS MEMORIAL FELLOWS

1915-1916	MAX ROESLER	1917-1918	HENRY RAY ALDRICH
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### GARTH FELLOWS

1905-1906	MEYER JACOBSTEIN	1910-1911	FRANK HATCH STREIGHTOFF
1906-1907	JAMES HENRY GILBERT	1911-1912	ROBERT MURRAY HAIG
1907-1908	LOUIS DWIGHT HARWELL WELD	1912-1913	PRABHAKER S. SHILOTRI
		1913-1914	EDWIN CLYDE ROBBINS

1908-1909	SOLOMON VINEBERG	1914-1915	ROBERT JAMES McFALL
1909-1910	EDWARD HENRY LEWINSKI	1915-1916	MABEL NEWCOMER
1910-1911	BENJAMIN McALESTER ANDERSON	1916-1917	FREDERICK CECIL MILLS
		1917-1918	PHILIP SARGANT FLORENCE

## GILDER FELLOWS

1911-1912	WILLIAM SHEPHERDSON	1915-1916	LEYTON EDWIN CARTER
1912-1913	ARNOLD JOHNSON LIEN LYMAN B. VEEDER		RUSSELL GORDON SMITH DONALD REED TAFT
1913-1914	RANDOLPH SILLIMAN BOURNE FRANK ALEXANDER ROSS PAUL WILLARD GARRETT	1916-1917	LUTHER HALSEY GULICK FREDERICK WILLIAM JONES CLARENCE HEER KAISER
1914-1915	PARKER LeROY MOON FRED WILLIAM ECKERT FRANK ALEXANDER ROSS	1917-1918	ALFRED BENJAMIN BUTTS MARTIN HERBERT DODGE ROCKWELL CRESAP JOURNEY

## GOLDSCHMIDT FELLOWS

1909-1910	EDWARD CALVIN KENDALL	1913-1914	CLARKE EDWIN DAVIS
1910-1911	ALMER McDUFFIE McAFEE	1914-1915	CLIVE MORRIS ALEXANDER
1911-1912	HAROLD EDWARD WOOD- WARD	1915-1916	GEORGE SCATCHARD
1912-1913	JOHN SEAMAN BATES	1916-1917	JACOB EHRLICH
		1917-1918	JOSEPH GEORGE DAVIDSON

## GOTTSBERGER FELLOWS

1905-1906	GEORGE CHRISTIAN OTTO HAAS	1910-1911	WILLIAM STUART MESSER
1907-1908	MEYER JACOBSTEIN	1911-1912	FREMONT AMASA HIGGINS
1909-1910	RALPH WATSON DOX	1913-1914	FREMONT AMASA HIGGINS
		1915-1916	ALEXANDER WEINSTEIN
		1917-1918	*MORRIS A. RAINES

## MITCHELL FELLOWS

1908-1910	IRVING COMES DEMAREST	1913-1914	PARKER LeROY MOON
1910-1911	MAURICE PICARD	1914-1915	CLINTON MINDIL PANG
1911-1912	LESTER SAUNDERS HILL	1915-1916	HERBERT W. SCHNEIDER
1912-1913	RANDOLPH SILLIMAN BOURNE	1916-1917	IRWIN EDMAN
		1917-1918	ERNEST BRENNECKE

## MOSENTHAL FELLOWS

1899-1901	MARY ANGELA DILLER	1908-1909	FRANZ BELLINGER
1902-1904	FRANK EDWIN WARD	1910-1911	EDWARD BETTS MANNING
1904-1905	BENJAMIN LAMBORD	1912-1913	EDWARD KILENYI
1906-1907	WILLIAM JACOB KRAFT	1914-1915	MEYER SILVER
		1916-1917	ABRAHAM WOLF BINDER

## PROUDFIT FELLOWS IN LETTERS

1900-1903	JOHN ERSKINE	1911-1912	NELSON BURROUGHS GILDER- SLEEVE
1903-1905	STANLEY KIDDER WILSON	1912-1913	ELBRIDGE COLBY
1906-1907	CHARLES FRANCIS LAWSON	1913-1914	ARCHIE AUSTIN COATES
1907-1910	ERNEST HUNTER WRIGHT	1915-1916	ELBRIDGE COLBY
1910-1911	GEDDES SMITH	1917-1918	WM. SKINKLE KNICKERBOCKER

\* Resigned to enter military service.

## SCHIFF FELLOWS

1898-1900	WILLIAM HENRY FRY	1908-1909	LEONARD SCOTT BLAKEY
1900-1901	WALTER PERCY BORDWELL	1909-1910	CHARLES ELMER GEHLKE
1901-1902	ULRICH BONNELL PHILLIPS	1910-1911	BENJAMIN BURKS KENDRICK
1902-1903	GEORGE CHARLES SELDEN	1911-1912	HENRY ELMER HOAGLAND
1903-1904	PRESERVED SMITH	1912-1913	RAYMOND ROBERT AMMARELL
1904-1905	NORRIS ARTHUR BRISCO	1913-1914	DONALD SKEELE TUCKER
1905-1906	CHARLES RAMSDELL LINGLEY	1914-1915	HAROLD WARREN CRANDALL
1906-1907	SAMUEL G. NISSENSON	1915-1916	RAYMOND CASPAR BENDER
1907-1908	CARL F. L. HUTH	1916-1917	LELAND HAMILTON JENKS
		1917-1918	WILLIAM CHARLES SCHLUTER

## CARL SCHURZ FELLOWS

1902-1903	JOHN LOUIS KIND	1908-1910	HENRY JOHN SKIPP
1904-1905	ALLEN WILSON PORTERFIELD	1910-1911	WILL CARSON RYAN, JR.
1906-1907	HENRY HERMANN LOUIS SCHULZE	1912-1913	DAVID PERCY GILMORE
1908-1909	PERCY GAINES CRAIG	1914-1915	OTTO EMIL PLATH
		1916-1917	OTTO PAUL SCHINNERER

## TYNDALL FELLOWS

1891-1892	WILLIAM H. FREEDMAN	1907-1908	GEORGE B. PEGRAM
1892-1893	CHARLES R. MANN	1908-1909	HAROLD WORTHINGTON WEBB
1894-1895	CHARLES R. MANN	1909-1911	HENRY HOWARD MARVIN
1895-1897	WALTER WHEELER COOK	1911-1912	ANDREW WARREN JACKSON
1898-1901	ROBERT BOWIE OWENS	1912-1913	WILLIAM STOCKTON NELMS
1901-1903	BERGEN DAVIS	1912-1913	BENJAMIN LIEBOWITZ
1903-1904	FRANK LEO TUFTS	1914-1915	WINTHROP ROBINS WRIGHT
1904-1907	FREDERIC COLUMBUS BLAKE	1916-1918	BENJAMIN ALLEN WOOTEN

## UNIVERSITY FELLOWS

JAMES FOWLER ADAMS . . . . .	<i>Botany</i>
*ROBERT HALL BOWEN . . . . .	<i>Zoology</i>
*EBER MALCOLM CARROLL . . . . .	<i>American History</i>
*HAROLD KING CHADWICK . . . . .	<i>Philosophy</i>
JESSE DOUGLAS . . . . .	<i>Mathematics</i>
FRANK ERNEST HILL . . . . .	<i>English</i>
ELSIE SAFFORD JENISON . . . . .	<i>Ancient History</i>
*GLENN RAYMOND JOHNSON . . . . .	<i>Sociology</i>
JOHN ALEXANDER KELLY . . . . .	<i>Germanic Languages</i>
CHARLES EMANUEL MARTIN . . . . .	<i>International Law</i>
*HAROLD ANDREW RICHMOND . . . . .	<i>Psychology</i>
*WARREN CHASE VOSBURGH . . . . .	<i>Chemistry</i>

## SPECIAL FELLOWS

## ADVERTISING RESEARCH FELLOW

1912-1914 E. K. STRONG

## FELLOW IN ARCHÆOLOGY AND ETHNOLOGY

1913-1914 PAUL RADIN

\* Resigned to enter military or other government service.

## FELLOWS AND SCHOLARS

## INDUSTRIAL RESEARCH FELLOW IN CHEMISTRY

1911-1914 CARL HANER

## INDUSTRIAL RESEARCH FELLOW IN CHEMICAL ENGINEERING

1916-1917 FRED B. ARENTZ

## NEW YORK DIOCESAN BOARD OF RELIGIOUS EDUCATION FELLOWSHIP

MABEL ELEANOR STONE

*Brooklyn, N. Y., A.B., Smith College, 1909.*

## SPECIAL FELLOWSHIP IN PHILOSOPHY

1916-1917 HAROLD KING CHADWICK

## SPECIAL ERNEST KEMPTON ADAMS RESEARCH FELLOW

1916-1917 S. ALFRED MITCHELL

## UNIVERSITY SCHOLARS

MEYER BERNSTEIN . . . . .	<i>Mathematics</i>
*OWEN GRIFFITH GROVES . . . . .	<i>English</i>
ROBERT WARD LAMSON . . . . .	<i>Bacteriology</i>
DONALD ELWOOD LANCEFIELD . . . . .	<i>Zoology</i>
LLOYD HELVETIUS LANGSTON . . . . .	<i>Economics</i>
*RALPH LINTON . . . . .	<i>Anthropology</i>
LAWRENCE MARCUS . . . . .	<i>Psychology</i>
THOMAS MUNRO . . . . .	<i>Philosophy</i>
*GUSTAV PATZ . . . . .	<i>Germanic Languages</i>
*JOHN WESLEY PENCE . . . . .	<i>Public Law</i>
*HERBERT W. ROGERS . . . . .	<i>Psychology</i>
*HARRY I. SHULTZ . . . . .	<i>Physics</i>
*THOMAS JACKSON WOOFER, JR. . . . .	<i>Sociology</i>
ABRAHAM YARMOLINSKY . . . . .	<i>Romance Languages</i>

## PRESIDENT'S UNIVERSITY SCHOLARS

*JOHN WYNNE BARTON . . . . .	<i>European History</i>
ROBERT G. W. BOLWELL . . . . .	<i>English</i>
*HARRY BRAUN . . . . .	<i>Botany</i>
*JAMES PAUL CHAPIN . . . . .	<i>Zoology</i>
*ROTH CLAUSING . . . . .	<i>Economic History</i>
*SIDNEY HAYES COX . . . . .	<i>English</i>

## BUTLER SCHOLARS

1904-1907 OTHO LEE MONROE	1914-1915 ROBERT JENNINGS RIGGS
1907-1909 JOHN SHERMAN ROBINSON	1915-1916 BENJAMIN FRANKLIN YOUNG
1909-1910 HOWARD DWIGHT SMITH	1915-1917 HOWARD DUNHAM BARLOW
1910-1911 GEORGE DENTON BEAL	1917-1918 *GEORGE NORBERT KATES
1911-1914 GEO. GIVEN HOLLINGSHEAD	

## CURTIS UNIVERSITY SCHOLARS

MABEL LEE . . . . .	<i>Economics</i>
ELIZABETH NITCHIE . . . . .	<i>English</i>
MABEL WEIL . . . . .	<i>Physics</i>

\* Resigned to enter military or other government service.

## JONES SCHOLARS

1898-1899 FRANCIS BERTODY SUMNER	1907-1908 CHARLES V. MORRILL
1899-1900 JOHN CUTLER TORREY	1908-1909 DAVID DAY WHITNEY
1900-1901 FREDERICK CLARK PUALMIER	1909-1911 AARON FRANKLIN SHULL, JR.
1901-1902 WILLIAM E. KELLICOTT	1911-1912 ALFRED HENRY STURTEVANT
1902-1903 CHARLES ZELENY	1912-1913 JAMES P. KELLY
1903-1904 LOUIS I. DUBLIN	1913-1914 CHARLES WILLIAM METZ
1904-1905 CHARLES RUPERT STOCKARD	1914-1915 CALVIN BLACKMAN BRIDGES
1905-1906 JOHN HOWARD MCGREGOR	1915-1916 ALBERT MARION BROWN
1906-1907 DAVID DAY WHITNEY	1916-1917 JOHN WHITTEMORE GOWEN
	1917-1918 MEYER CASPAR FOLKOFF

## SCANDINAVIAN SCHOLARS

1915-1916 TORSTEN INGELOFF

PAUL LINDHOL

## COLUMBIA COLLEGE

## ALUMNI ASSOCIATION SCHOLARS

1918 J. BLASENSTEIN	1920 ISRAEL KORAL
1919 SAMUEL ROSENFELD	1921 R. MEISELS

## HARPER SCHOLARS

1920 SOLOMON CAPLAN	1921 J. M. FELD
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## HEWITT SCHOLAR

1919 N. B. COHEN

## BROOKLYN SCHOLARS

1918 J. FIERSTEIN	1920 GEORGE ROSENBAUM
1918 BENJAMIN JOACHIM	1921 R. MEISELS
1918 BENJAMIN GINZBURG	1921 R. M. ROSS
1920 E. M. FADIMAN	1921 J. M. FEIN

## MCCLYMONDS SCHOLARS

1918 L. W. POST	1918 L. T. WORK
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## WHEELER SCHOLAR

1921 J. H. COWIE

## GEORGE HENRY HALL SCHOLAR

1921 P. H. NELSON

## LESTER M. SAUNDERS SCHOLAR

1921 H. B. NICHOLS

## SCHOOL OF MEDICINE

## COOLIDGE FELLOWS

1915-1916 FRANCIS R. RACKENMANN	1915-1917 JOHN PUNNETT PETERS, JR.
	1916-1918 DANA W. ATCHLEY, M.D.

## PROUDFIT FELLOWS

1904-1906 LINSLEY RUDD WILLIAMS	1915-1916 RALPH A. KINSELLA
1908-1912 EDWARDS A. PARK	1916-1917 RALPH A. KINSELLA
1912-1915 RUSSEL L. CECIL	

## ALONZO CLARK SCHOLARS

1914-1915 J. HOWARD MUELLER	1915-1916 J. HOWARD MUELLER
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## SCHOOLS OF MINES, ENGINEERING, AND CHEMISTRY

## DALY SCHOLARS

1904-1908 HENRY FARMER DAVIS	1908-1911 CORNELIUS G. SULLIVAN
1911-1915 FREDERICK S. WRIGHT	1915-1918 MILLARD F. NESBIT

## TROWBRIDGE FELLOWS

1914-1915 HENRY W. ELSASSER	1915-1916 CHARLES W. DRURY
	1916-1917 EDWIN H. ARMSTRONG

## BRIDGHAM FELLOW

1915-1916 FREDERICK H. CLARK
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## SCHOOL OF ARCHITECTURE

## COLUMBIA FELLOWS

1890-1891 ARTHUR S. STOUGHTON	1905-1906 THOMAS WILLIAM LUDLOW
1892-1893 HORACE B. MANN	1906-1907 EMILIO LEVY
1894-1895 SETH JUSTIN TEMPLE	1907-1908 No award
1896-1897 WILLIAM KINNE FELLOWS	1908-1909 EDWARD JOHN STORK
1898-1899 WILLIAM CLARK AYRES	1909-1910 WM. LAWRENCE BOTTOMLEY
1900-1901 THEODORE BLONDEL, JR.	1910-1911 GERARD PITT
1902-1903 ARTHUR WARM	1911-1912 WILBUR NICHOLAS ALBERTON
1904-1905 HUBERT VAN WAGENEN	1912-1913 No award
	1915-1916 EDWIN JEROME ROBIN

## MCKIM FELLOWS

1891-1892 A. C. M. DEL MONTE	1905-1907 LUCIEN EASTER SMITH
ALEXANDER M. WELCH	1907-1909 WM. LAWRENCE BOTTOMLEY
1893-1895 GEO. OAKLEY TOTTEN, JR.	1909-1910 CHARLES THEODORE EMILIE
WM. LINCOLN THORNE	DIETERLEN
1895-1898 JOHN RUSSELL POPE	1911-1912 WILLIAM C. FRANCIS
1897-1898 HARRY ALLAN JACOBS	1912-1913 WILLIAM C. FRANCIS
1899-1900 F. LIVINGSTON PELL	1913-1914 ERICH GUGLER
WM. EDWARD PARSONS	1914-1915 ERICH GUGLER
1901-1902 CHARLES LUDWIG OTTO	1915-1916 No award
EDWARD NECARSULMER	1916-1917 JOE HUNTER McDONNELL
1903-1904 FRANCIS AUGUSTUS NELSON	
GEORGE WASHINGTON JACOBY	

## PERKINS FELLOWS

1902-1903 CHARLES SUMNER KAISER	1910-1911 H. DWIGHT SMITH
1906-1907 ARTHUR LOBO	1914-1915 PAUL SCHULZ

## BARNARD COLLEGE

*Brooklyn Scholarships:*

DORA KAHN	SYLVIA KOPALD	GLADYS GARDINER VAN BRUNT
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*Lucille Pulitzer Residence Scholarships:*

JANE KERR CHASE	FRANCES CLARA COCKE	GLADYS MARIE CRIPPS
SUSANNE PAYTON	EFFIE CHRISTINE ROSS	FRANCES DANIEL RULE

*Lucille Pulitzer New York City Scholarships:*

LÉONIE FULLER ADAMS	DOROTHY BROCKWAY	HARRIET KEEHN
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*Lucille Pulitzer Competitive Freshman Scholarship:* LOIS ADELAIDE TUTTLE.

*Lucille Pulitzer Tuition Scholarships:*

FRANCES FIELD HAYNES

EDNA CATHERINE NEUVILLE

*Jessie Kaufman Scholarship:* HEDWIG AUGUSTA KOENIG.

*Martha T. Fiske Scholarship:* HELEN SHELBY HOLBROOK.

*Eleanora Kinnicutt Scholarship:* WENDELA LIANDER.

*Emma A. Tillotson Scholarship:* EMILY MAY DOWLING.

*William Moir Scholarships:*

MARGARET GOOD MYERS

LOCKIE PARKER

*Caroline Duror Memorial Graduate Fellowship:* GULLI LINDH.

## DEPARTMENTAL HONORS

*Classical Philology:* SYLVIA SARA ROSALIND HECHT, *Second Year*; RUTH JENSEN, *Final (Greek)*; SYLVIA SARA ROSALIND HECHT, RUTH JENSEN, GRACE RICHARDSON MERRITT, *Third Year (Latin)*.

*English:* CORNELIA THROOP GEER, *Final*.

*German:* HELEN BROWNE COLLINS, *Final*.

*History:* HELENE CLARA BAUSCH, *Third Year*; ALMA GLADYS RUHL, *Final*; ELINOR ALEXANDER SACHS, *Third Year*.

*Italian:* KATHARINE QUACKENBOS, *Second Year*.

*Mathematics:* HELENE CLARA BAUSCH, *Third Year*; EVELYN MARIE DAVIS, EUGENIE CAROLINE HAUSLE, FRANCES KRASNOW, CHARLOTTE MARTENS, *Final*.

*Physics:* EDITH CRARY HALEY, *Second Year*; EUGENIE CAROLINE HAUSLE, FRANCES KRASNOW, GULLI LINDH, *First Year*.

*Psychology:* GULLI LINDH, *Second Year*; GEORGINA IDA STRICKLAND, *Third Year*.

*Zoology:* BALBINA ANTOINETTE JOHNSON, *Third Year*.

## TEACHERS COLLEGE

*Honorary Fellow:* POLING CHANG.

*Grace H. Dodge Fellow:* FANNIE WYCHE DUNN.

*Girl Scout Fellow:* LOUISE MAY HALL.

*Graduate Research Scholars:* AMASA ARCHIBALD BULLOCK, EDWARD SAMUEL EVENDEN, IDA BELLE LEWIS, BRUCE VICTOR MOORE, JULIUS JOHN OPPENHEIMER, FRANK CHARLES TOUTON.

*Graduate Scholars:* ABRAHAM JACOB BURT, JOHN HARRISON COOK, ROBERT A. CUMMINS, ANNA BEATRICE DOERSCHUK, EDGAR CREIGHTON HIGBIE, HUBER WILLIAM HURT, ALICE KRACKOWIZER, ELEANOR M. LALLY, KATHARINE ONG-NEO LIM, MANUEL MANONGDO, ANNIE P. POWLAS, CLARA OWSLEY WILSON.

*Tileston Scholar:* KATHARINE MARIE COOPER.

*Fine and Industrial Arts Alumni Scholar:* MARY ALICE RIDDICK.

*Pond Scholar:* MARY MORRIS CLAYTON.

*Charlotte Louise Williams Scholar:* CELIA GERTRUDE PHELPS.

*Hoadley Scholar:* ELEANOR MIOT BOATWRIGHT.

*Runyan Scholar:* ELINOR BUSHNELL TOWNSEND.

*Helen Hartley Jenkins Scholar:* LILLIAN AGNES HUDSON.

*Army and Navy Scholar:* REBECCA PRICE CRAIGHILL.

*Hoe Scholar:* LAURA MERRILL CHASELL.

*Earl Scholar:* SHERMAN R. COOK.

*Caroline Scholars:* ELIZABETH SPAULDING, S. FRANCES SALE.

*Scholars in Practical Arts:* EDNA A. BOOTH, MARY C. CATLIN, MARIAN HAMILTON, BEULAH MARGARET JOHNSON, HARRIETTE ELIZABETH MACFADDEN, DOROTHY NORTH.

BELLE POLHEMUS, GLADYS JOSEPHINE WARD, FRANCES ELIZABETH WATTS, MARY HELENA WILBUR.  
*Livingston Scholars:* FLORENCE DOE, IRVING T. HU, MABEL MARSH, RUTH L. SCUDDER.  
 MARTHA M. VAN ALLEN.

## PRIZES

*United Daughters of the Confederacy Prize:* FLORA J. MILLARD.

## AWARD OF MEDALS

*Alumni Association of the School of Architecture Medal:* JOSEPH HUDNUT.  
*American Institute of Architects Medal:* WALTER FEASEL WILSON.  
*Barnard Medal:*

1895 LORD RALEIGH and Professor WILLIAM RAMSAY  
 1900 Professor WILHELM CONRAD VON RÖNTGEN  
 1905 Professor HENRY BECQUEREL  
 1910 Professor ERNEST RUTHERFORD  
 1915 Professor WILLIAM HENRY BRAGG  
 Professor LAWRENCE BRAGG

*Butler Medals:* (Silver Medal) HARTLEY ALEXANDER BURR.

*Bunner Medal:* FRANCIS THORNTON KIMBALL.

*Class of 1889:* HENRY SMITH MUNROE.

*Curtis Medals:* WILLIAM SKINKLE KNICKERBOCKER, DAVID MAURICE KLAUSNER.

*Jenny A. Gerard Gold Medal:* ALMA GLADYS RUHL.

*Illig Medals:* ROBERT COLSTEN, WALTER SAMMIS, HOWARD WILLEY.

*Kappa Psi Gold Medal:* BEATRICE I. RAGGIE.

## AWARD OF PRIZES

*Association of the Alumni of Columbia College:* EDWARD MEADE EARLE.

*Beck Prize:* 1916-1917 ORVILLE W. WOOD.

*Bennett Prize:* ROBERT L. S. STERN.

*Breitenbach Prize:* BEATRICE I. RAGGIE.

*Chanler Prize:* EDWARD GLUCK.

*Convers Prize:* EDWIN MILTON BOHN.

*Darling Prize:* ROBERT COLSEN (*Selected*), HARDING UPDIKE GREENE, JOHN L. KRETZMER.

*Earle Prize in Classics:* SYLVIA SARA ROSALIND HECHT.

*Einstein Prize:* COOLEY EUGENE WILLIAMS.

*Elsberg Prize:* EDWARD GLUCK.

*Green Prize:* ERNEST BRENNECKE.

*Hermann Botanical Prize:* RUTH BATHURST EDMONDSON.

*Kohn Mathematical Prize:* THERESE HIEBEL, FRANCES KRASNOW.

*Loubat Prizes:*

*Award of 1893:* First Prize, 'History of the United States of America during the Administration of Jefferson and Madison', by HENRY ADAMS.

Second Prize, 'Report of Investigation among the Indians of the Southwestern States', by A. F. BANDELIER.

*Award of 1898:* First Prize, 'Stone Implements of the Potomac-Chesapeake Tide-water Province', by WILLIAM HENRY HOLMES.

Second Prize, 'The Social Organization and the Secret Societies of the Kwakiutl Indians', by FRANZ BOAS, PH.D.



*Award of 1908:* First Prize, 'The American Colonies in the Seventeenth Century',  
by HERBERT LEVI OSGOOD, PH.D., LL.D.

Second Prize, 'The History of the Society of Jesus in North America', by Rev.  
THOMAS ALOYSIUS HUGHES, S.J.

*Award of 1913:* First Prize, 'The Old British Colonial System', by GEORGE LOUIS  
BEER, A.M.

Second Prize, 'The Indian Tribes of the Lower Mississippi Valley', by JOHN REED  
SWARTON, PH.D.

*Montgomery Prize:* LESTER FRANK BRUMM, JAMES LEWIS DOHR.

*Ordronaux Prize:* WATSON WASHBURN.

*Philolexian Prizes:*

*Essay:* First Prize, FRANKLIN SPIER.

Second Prize, HORACE LELAND FRIESS.

*Poetry:* First Prize, CARROLL PERRY IVINS.

Second Prize, FREDERIC ROCKWELL SANBORN.

*Pulitzer Prizes:*

*Journalism,* HERBERT BAYARD SWOPE.

*History,* His Excellency J. J. JUSSERAND.

*Biography,* LAURA E. RICHARDS, MAUDE HOWE ELIOT, FLORENCE HOWE HALL.

*Reed Prize:* GLADYS LOUISE PALMER.

*Rolker Prize:* EMANUEL VICTOR LITTAUER.

*Speranza Prize in Italian:* KATHARINE QUACKENBOS.

*Tallock Prize:* RUTH JENSEN.

*Toppan Prize:* FREDERIC PADDOCK LEE, WARREN T. SPIES.

*Van Amringe Prize:* FRANKLIN HOLLANDER.

*Van Buren Prize:* THOMAS BARRISH.

*Van Wahl Prize:* BEATRICE LOWNDES.

## EXCHANGE PROFESSORS

### THEODORE ROOSEVELT PROFESSORS

- 1906-1907 JOHN WILLIAM BURGESS, PH.D., LL.D., JUR.D., *Ruggles Professor of Political Science and Constitutional Law.*
- 1907-1908 ARTHUR TWINING HADLEY, PH.D., LL.D., *President of Yale University.*
- 1908-1909 FELIX ADLER, PH.D., *Professor of Social and Political Ethics in Columbia University.*
- 1909-1910 BENJAMIN IDE WHEELER, PH.D., LL.D., *President of the University of California.*
- 1910-1911 CHARLES ALPHONSO SMITH, PH.D., *Edgar Allan Poe Professor of English in the University of Virginia.*
- 1911-1912 PAUL S. REINSCH, PH.D., *Professor of Political Science in the University of Wisconsin.*
- 1912-1913 WILLIAM M. SLOANE, L.H.D., LL.D., *Seth Low Professor of History in Columbia University.*
- 1913-1914 PAUL SHOREY, PH.D., *Professor of Greek in the University of Chicago.*
- 1914-1915 HENRY W. FARNAM, A.M., R.P.D., *Professor of Economics in Yale University.*<sup>1</sup>
- 1915-1916 THOMAS C. HALL, D.D., *Professor of Christian Ethics in the Union Theological Seminary.*<sup>2</sup>

### VISITING PROFESSORS IN AUSTRIA

- 1913-1914 GEORGE S. FULLERTON, PH.D., *Professor of Philosophy in Columbia University.*
- 1914-1915 JOHN WILLIAM BURGESS, PH.D., LL.D., JUR.D., *Ruggles Professor of Political Science and Constitutional Law.*<sup>1</sup>

### VISITING PROFESSOR UNIVERSITY OF PARIS

- 1913-1914 } WILLIAM D. GUTHRIE, A.M., *Ruggles Professor of Constitutional Law in*  
 1914-1915 } *Columbia University.*

### KAISER WILHELM PROFESSORS

- 1906-1907 HERMANN SCHUMACHER, JUR.D., *Professor of Political Economy in the University of Bonn.*
- 1907-1908 K. G. RUDOLF LEONHARD, J.U.D., *Professor of Legal Science in the University of Breslau.*
- 1908-1909 ALBRECHT F. K. PENCK, PH.D., SC.D., *Professor of Geography in the University of Berlin.*
- 1909-1910 CARL RUNGE, PH.D., *Professor of Applied Mathematics in the University of Göttingen.*
- 1910-1911 ERNST DAENELL, PH.D., *Professor of Modern History in the University of Kiel.*

<sup>1</sup> Unable to serve because of war in Europe.

<sup>2</sup> Did not enter upon his duties.

- 1911-1912 JOSEF SCHICK, PH.D., *Professor of English Philology in the University of Munich.*  
1912-1913 FELIX KRUEGER, PH.D., *Professor of Experimental Psychology in the University of Halle.*  
1913-1914 KARL F. TH. RATHGEN, PH.D., *Professor of Political Economy in the Colonial Institut, Hamburg.*  
1914-1915 THEODORE NIEMEYER, JUR.D., *Professor of International Law in the University of Kiel.*<sup>1</sup>

## VISITING FRENCH PROFESSORS

- 1911-1912 GUSTAVE LANSON, LITT.D., *Professor of the History of Literature in the University of Paris.*  
1912-1913 HENRI BERGSON, LITT.D., *Professor of Philosophy in the University of Paris.*  
1913-1914 JEAN PERRIN, SC.D., *Professor of Physical Chemistry in the University of Paris.*  
1914-1915 ALBERT G. DE LAPRADELLE, PH.D., *Professor of International Law in the University of Paris.*  
1915-1916 ALBERT FOUCHER, PH.D., *Professor of the Indian Languages and Literatures in the University of Paris.*  
1916-1917 EMMANUEL DE MARTONNE, PH.D., *Professor of Geography in the University of Paris.*

## VISITING AUSTRIAN PROFESSORS

- 1913-1914 JOSEF SCHUMPETER, JUR.D., *Professor of Political Economy in the University of Graz.*  
1914-1915 EUGENE OBERHUMMER, PH.D., *Professor of Geography in the University of Vienna.*<sup>1</sup>

<sup>1</sup> Unable to serve because of war in Europe.

## STATED LECTURESHIPS

### BEER LECTURER

- 1910-1911 LEONARD T. HOBHOUSE, A.M., 'Social Evolution and Political Theory.'

### BLUMENTHAL LECTURERS

- 1907-1908 ALBERT SHAW, LL.D., 'Practical Problems in American Politics.'  
WOODROW WILSON, PH.D., LL.D., 'Party Government in the United States.'
- 1908-1909 JEREMIAH W. JENKS, PH.D., LL.D., 'The Principles of Politics from the Viewpoint of the American Citizen.'
- 1909-1910 HENRY JONES FORD, 'Cost of National Government.'  
SAMUEL W. MCCALL, LL.D., 'The Business of Congress.'
- 1912-1913 JOHN SHARP WILLIAMS, 'The Permanent Influence of Jefferson on American Institutions.'
- 1915-1916 WILLIAM H. TAFT, PH.D., LL.D., 'The Presidency, Its Powers, Duties, Responsibilities, and Limitations.'

### CARPENTIER LECTURERS

- 1905-1906 JAMES BRYCE, LL.D., 'Law in its Relations to History.'
- 1908-1909 JOHN CHIPMAN GRAY, LL.D., 'The Nature and Sources of the Law.'
- 1910-1911 DAVID JAYNE HILL, LL.D., 'The Problem of World Organization as Affected by the Nature of the Modern State.'
- 1911-1912 Sir FREDERICK POLLOCK, 'The Genius of the Common Law.'
- 1913-1914 Sir COURTENAY ILBERT, 'The Mechanics of Law Making.'
- 1916-1917 HAROLD D. HAZELTINE, J.U.D., 'English Legal History.'

### CHANDLER LECTURERS

- 1913-1914 L. H. BAEKELAND, SC.D., 'Some Aspects of Industrial Chemistry.'
- 1916-1917 W. F. HILLEBRAND, PH.D., 'The Future of Analytical Chemistry.'

### HEWITT LECTURERS

- 1901-1902 Professor BURR, 'Civil Engineering Subjects.'
- 1902-1903 Professor J. G. CURTIS, 'Physiology of the Nervous System and the Related Parts.'
- 1903-1904 Professor CLARK, 'The Problem of Monopoly.'
- 1904-1905 Professor TRENT, 'Six Writers of the Eighteenth Century.'
- 1905-1906 Professor COHN, 'Republican France.'
- 1906-1907 Professor CRAMPTON, 'Doctrine of Evolution.'
- 1907-1908 Professor SHEPHERD, 'South America.'
- 1908-1909 Professor GIES, 'The Chemistry of Digestion.'
- 1909-1910 Professor LUCKE, 'Power.'
- 1910-1911 Professor LAWRENCE, 'Social Ideal in Popular Stories.'
- 1911-1912 Professor SHOTWELL, 'The Industrial Revolution.'
- 1912-1913 Professor MONTAGUE, 'The Great Systems of Philosophy.'
- 1914-1915 Dean STONE, 'Law and its Administration.'

- 1915-1916 THOMAS I. PARKINSON, LL.B., 'Legislation and Efficiency in Government.'  
1916-1917 HOWARD L. MCBAIN, PH.D., 'American City Progress and the Law.'

## JESUP LECTURERS

- 1905-1906 Professor OSBORN, 'The Evolution of the Horse.'  
1908-1909 Professor MACLAURIN, 'Light.'  
1910-1911 Professor LEE, 'Scientific Features of Modern Medicine.'  
1912-1913 Professor T. H. MORGAN, 'Heredity and Sex.'  
1914-1915 Professor BERKEY, 'Origin and Meaning of Some Fundamental Earth Structures.'  
1916-1917 ROBERT S. WOODWORTH, PH.D., 'Dynamic Psychology.'

# ALUMNI FEDERATION OF COLUMBIA UNIVERSITY

(Incorporated 1916)

The purposes of the Alumni Federation are to advance the interests and promote the welfare of Columbia University and its alumni. This it endeavors to accomplish by encouraging and assisting efficient organization of alumni bodies; by forming new associations and clubs; by disseminating among alumni and the general public through an official publication or otherwise accurate information about alumni and University affairs; by providing a recognized channel of communication between students, alumni, and University officers; by keeping the alumni informed with respect to undergraduate life and activities, and by providing an alumni public keenly interested in them; by maintaining at the University a central alumni office, and by providing the machinery to nominate alumni trustees.

All members of the alumni associations of the various schools maintained by the Trustees of the University are *ipso facto* School Members of the Federation and any alumnus may become a General Member. A payment of \$100, or a multiple thereof, toward the Endowment Fund entitles an alumnus to be an Endowment Member, which carries life privileges and a life subscription to the *Alumni News*. The following are Endowment Members:

Benjamin B. Lawrence, '78 Mines	John C. Richardson, '83 Mines
William Fellowes Morgan, '80, '84 Mines	George F. Butterworth, '74
Robert M. Olyphant, '42	A. M. Huntington, '08 Hon.
Henry Kraemer, '95 Mines	Norton Perkins, '01L.
Nicholas Murray Butler, '82	Herbert L. Satterlee, '83
Willard V. King, '89	A. H. Elliot, '81 Mines
Charles F. Hoffman, '78	F. L. Stetson, '69L.
Gano Dunn, '91 Mines	Edmund E. Wise, '83

This is a special class of Endowment Membership which provides for additions to the Endowment Fund of \$500 or over by individuals. An alumnus thus contributing is named a 'fundor'. There is one Fundor—Charles Elihu Slocum, '69 P. and S.—and his contribution to the Endowment Fund is known as 'The Charles Elihu Slocum, '69 P. and S. Alumni Federation Fund of Five Hundred Dollars'. A class may become a 'Fundor' upon payment of \$250. The Class of 1905 assigned to the Federation the income for one year of its Decennial Fund and was the first class to become a Fundor.

The Federation sets in motion the machinery which places in nomination before the University Trustees the candidates for alumni trusteeship. The Alumni Trustees in office in 1916 are: Walter Mendelson, '79M.; George L. Ingraham, '69L.; Ambrose Dyer Henry, '84; Arthur Smith Dwight, '85 Mines; Frederick Coykendall, '95, '97S; and Herbert Livingston Satterlee, '83, '85L, '85 Ph.D.

The Federation maintains an office in Room 311 East Hall which serves as a clearing house for all alumni activities. It publishes the *Columbia Alumni News*, the official alumni publication.

*Officers**President:* FREDERICK COYKENDALL, '95, '97S*Vice-President:* GANO DUNN, '91 Mines*Treasurer:* CHARLES E. HAYDOCK, '01*Secretary:* LAWRASON RIGGS, JR., '03, '06L*Executive Secretary:* LEVERING TYSON, '11 A.M., 311 East Hall, Columbia University.*Directors at Large*

JAMES M. CLARK, '87L.—Pittsburgh  
 ROBERT ARROWSMITH, '82—New Jersey  
 WILLIAM M. L. FISKE, '00—Illinois

*From Columbia College*

CHARLES E. HAYDOCK, '01  
 FREDERICK COYKENDALL, '95  
 HERBERT TREADWELL WADE, '93

*From the School of Law*

JOHN VERNOU BOUVIER, '86, '88L.  
 ALLAN B. A. BRADLEY, '02, '05L.  
 LAWRASON RIGGS, '03, '06L.

*From the College of Physicians and Surgeons*

GEORGE G. COCHRAN, '84M.  
 J. ARTHUR BOOTH, '78, '82M.  
 LUCIUS W. HOTCHKISS, '81, '84M.

*From the School of Mines*

THOMAS T. READ, '02S.  
 EDWIN LUDLOW, '79 Mines  
 GANO DUNN, '91 Mines

*From the Doctors of Philosophy*

HERBERT R. MOODY, '01 Ph.D.  
 EDMUND S. JOY, '88L, '92 Ph.D.  
 TRACY E. HAZEN, '00 Ph.D.

*From the School of Architecture*

STOCKTON B. COLT, '88F.A.  
 J. MONROE HEWLETT, '90F.A.  
 HENRY S. KISSAM, '86F.A.

## ALUMNI ORGANIZATIONS

## SCHOOL ASSOCIATIONS

ASSOCIATION OF THE ALUMNI OF COLUMBIA COLLEGE. Francis Sedgwick Bangs, '78, president; Robert W. Macbeth, '06, secretary, 450 Fifth Avenue, New York. Chairman Standing Committee, Herbert T. Wade, '93, 331 Madison Avenue.

ASSOCIATION OF THE ALUMNI OF THE COLLEGE OF PHYSICIANS AND SURGEONS, Walter Mendelson, '79M., president; Henry E. Hale, '96M., secretary, 64 West 50th Street.

ALUMNI ASSOCIATION OF THE LAW SCHOOL. George C. Holt, '69L., president; Jarvis P. Carter, '02, '05L., secretary, 32 Liberty Street.

ALUMNI ASSOCIATION OF THE SCHOOLS OF MINES, ENGINEERING, AND CHEMISTRY. Robert V. Norris, '85 Mines, president; George Cameron Stone, '79 Mines, secretary, 55 Wall Street.

ASSOCIATION OF DOCTORS OF PHILOSOPHY. Adam Leroy Jones, '98 Ph.D., president; Rupert Taylor, '11 Ph.D., secretary, Livingston Hall, Columbia University.

ALUMNI ASSOCIATION OF THE SCHOOL OF ARCHITECTURE. J. Monroe Hewlett, '90F.A., president; Arthur Lobo, '04F.A., secretary, 105 West 40th Street.

## ALUMNI CLUBS

BUFFALO. A. H. Hopkins, '08F.A., president; Frederick A. Busch, '93L., secretary, 3147 Main Street, Buffalo, New York.

CLEVELAND. Leonard G. Taylor, secretary, Cleveland, Ohio.

COLORADO. John E. Fetzter, '08L., president; Harold H. Healy, '14L., secretary, 1609 Gaylord Street, Denver, Colorado.

CUBA. Aristides Agramonte, '92M., president; Carlos N. Todd, '13S., secretary, 15 No. 225, Vedado, Havana, Cuba.

DISTRICT OF COLUMBIA. George Oakley Totten, Jr., '91F.A., president; H. B. Chubb, '13A.M., secretary, The Montana, Washington, D. C.

ILLINOIS. Emory Hill, '04, president; John A. Flanders, '06S., secretary, 920 East 44th Street, Chicago, Illinois.

MARYLAND. J. Oakley Spencer, '02A.M., president; George C. Saunders, '98S. secretary, care of Dietrich Brothers, Pleasant and Davis Streets, Baltimore, Maryland.

MEXICO. Victor M. Braschi, '81S., president, Apartado 830, Mexico City, Mexico.

NEW JERSEY. Shiras Campbell, '04F.A., president; Michael N. Chanalís, '09, secretary, 179 North Seventh Street, Newark, New Jersey.

NORTHERN NEW YORK. Roelif H. Brooks, '00, president; E. Howard Osterhout, '10, '12L., secretary, care of Secretary of State, Albany, New York.

OMAHA. C. W. Pollard, '99M., president; N. R. Brigham, '13F.A., secretary, 705 Keeline Building, Omaha, Nebraska.

PHILADELPHIA. S. D. Benoliel, '96S., president; H. F. Sanville, '92S., secretary, Hale Building, Philadelphia, Pennsylvania.

PITTSBURGH. George E. Painter, '84S., president; F. S. Dellenbaugh, Jr., '10S., secretary, 622 Worth Street, Pittsburgh, Pennsylvania.

SAN FRANCISCO. Harry M. Sherman, '80M., president; John C. Spencer, '82, '85M., secretary, Butler Building, San Francisco, California.

SYRACUSE. Newell B. Woodworth, '82, president; Wharton Miller, '13, secretary, Syracuse Public Library, Syracuse, New York.

UTAH. Alonzo F. Bardwell, '83Mines, president; Girard B. Rosenblatt, '02S. secretary, 1212 Walker Bank Building, Salt Lake City, Utah.

WASHINGTON. A. H. Albertson, '95F.A., president; Robert B. Walkinshaw, '11L., secretary, 507-509 Colman Building, Seattle, Washington.

YONKERS. William Forster, '81, president; J. Kennedy Lasher, Jr., '14, '16L., secretary, 396 Palisade Avenue, Yonkers, New York.

#### CLASS GROUP SOCIETIES

SOCIETY OF THE OLDER GRADUATES. Benjamin B. Lawrence, '78 Mines, president; William deL. Benedict, '74 Mines, secretary, 19 Cedar Street, New York.

SOCIETY OF THE EARLY EIGHTIES. Ambrose D. Henry, '84, president; Girard Romaine, '82, secretary, 68 Broad Street, New York.

SOCIETY OF THE UPPER EIGHTIES. Ruford Franklin, '86, president; Edward L. Dodge, '88, secretary, 18 Gramercy Park, New York.

LAST OF THE FORTY-NINERS. Arthur Ware, '98F.A., president; Frank S. Hackett, '99, secretary, Riverdale Country School, Riverdale-on-Hudson, New York.



## UNIVERSITY PUBLICATIONS

### I. OFFICIAL PUBLICATIONS OF COLUMBIA UNIVERSITY

Unless otherwise stated, all the publications named below are distributed without charge upon application to the Secretary of Columbia University.

*Annual Catalogue:* issued each March. Price, 25 cents.

*Annual Reports of the President and the Treasurer to the Trustees:* issued each November.

*Directory of Officers and Students:* issued twice each year soon after the Winter and Spring registration periods of the University; contains the names, office hours, and addresses of the officers of the University, and the names and addresses of the students registered up to the time of publication. Price, 10 cents.

*General Catalogue of the Alumni:* issued sexennially; contains the names and addresses of all graduates of the University. The current edition is that of 1916.

*A University Bibliography* containing a list of publications, contributions, and serial studies from the University, a list of publications of the officers for the year, and a list of journals issued under the editorial direction of the officers, is published annually.

*Announcements* of the various parts of the work of the University are issued during the year between December and July and contain detailed information concerning admission, expenses, courses of instruction to be given during the coming year, and requirements for degrees. They include:

*Columbia College*, for the work for men leading to the degrees of Bachelor of Arts or Bachelor of Science.

*School of Law*, for the work leading to the degrees of Bachelor of Laws and Master of Laws.

*College of Physicians and Surgeons*, for the work leading to the degree of Doctor of Medicine.

*Schools of Mines, Engineering, and Chemistry*, courses in Mining and Metallurgy, in Chemistry, and in Civil, Electrical, and Mechanical Engineering.

*School of Journalism*, for the work leading to the degree of Bachelor of Literature.

*Faculties of Political Science, Philosophy and Pure Science*, for all non-professional advanced work leading to the degrees of Master of Arts and Doctor of Philosophy.

*School of Architecture*, for the work leading to the degree of Bachelor of Architecture.

*School of Business*, for work leading to the degree of Bachelor of Science in Business.

*Extension Teaching.*

*Residence Halls.*

*Summer Session.*

*Circular of Information as to Entrance Examinations and Admissions.*

*Announcements* of the several divisions of the University contain full information concerning the work of the coming year, or years, in those divisions. These circulars comprise Ancient and Oriental Languages; Biology; Chemistry; Geology, Geography, and Mineralogy; Music; History, Economics, and Public Law; Mathematical and Physical Sciences; Modern Languages and Literatures; Philosophy, Psychology and Anthropology.

*Publications of Barnard College:*

*Announcement of Barnard College:* contains full information concerning admission, expenses, courses of instruction, and

requirements for the degrees of Bachelor of Arts and Bachelor of Science.

*Report of the Dean:* issued annually.

These publications are distributed without charge upon application to the Secretary of Barnard College.

### PUBLICATIONS OF TEACHERS COLLEGE

*Teachers College Record.* Founded in 1900. Published bi-monthly; \$1.50 per year (five numbers—January, March, May, September, November); 40 cents per copy, devoted to the practical problems of elementary, secondary, and higher education. Sections on alumni and college activities. The *Household Arts Review* has been incorporated since January, 1915.

*Contributions to Education.* Established in 1905, continues the educational issues of the Columbia University Contributions to Philosophy, Psychology, and Education, and presents the results of research by officers or advanced students of the College in the history and philosophy of education, in educational psychology, in kindergarten, elementary and secondary education, in educational administration and in related fields. The series includes 87 volumes to date.

*Teachers College Bulletins.* A series of pamphlets published fortnightly, including the *Dean's Report* (issued in November), *Announcements of School of Education* and *School of Practical Arts* (issued in the spring), special announcements of departments, which are free of charge.

The series also includes the *Technical Educational Bulletins*, certain articles on special subjects, and reports on school practice, to which a price is attached.

*Unclassified Publications.* A group of publications not lending themselves to the conditions of the foregoing series, notable among which are Thorndike's *Educational Psychology* text-books, the Teachers College scales and tests for measuring achievements in school work, and the curriculum of the Horace Mann Elementary School.

*Teachers College Syllabi.* This series consists of outlines of study, bibliographies and references, which are published at irregular intervals by Teachers College.

*Circulars of the Horace Mann Schools.* Two schools fully equipped with kindergarten, elementary and secondary classes, maintained by Teachers College as schools of observation. These circulars may be obtained without charge upon application to the Superintendent of the Horace Mann School.

For details in regard to any of these publications consult the Bureau of Publications, Teachers College.

## II. COLUMBIA UNIVERSITY PRESS

The Columbia University Press was organized with the approval of the Trustees of the University and was incorporated June 8, 1893, for the purpose of promoting the publication of works embodying the results of original research. The Press is a private corporation, related directly to Columbia University by the provisions that its Trustees shall always be officers of the University, and that the President of the University shall be the President of the Press.

### TRUSTEES

THE PRESIDENT OF THE UNIVERSITY (*ex-officio*)

WILLIAM H. CARPENTER, *Secretary*

JOHN B. PINE, *Treasurer*

Professors MATTHEWS, GIDDINGS, WILSON, TRENT, LEE, A. H. THORNDIKE, VAN HOOK.

III. ALUMNI AND STUDENT PUBLICATIONS AT  
COLUMBIA UNIVERSITY

*The Alumni Journal*, 1893. Published monthly in the interest of the Alumni Association of the College of Pharmacy; per copy, 10 cents; per year, \$1.00.

*The Barnard Bear*, 1905. A literary supplement to the *Barnard Bulletin*; stories, verse, essays, editorials; monthly, November to June; per copy, 20 cents; per year, \$1.50.

*The Barnard Bulletin*, 1901. Four pages, weekly; Barnard College news; per copy, 5 cents; per year, \$1.50.

*The Columbia Alumni News*, 1909. Thirty-two pages, weekly; except June, July, August, and September, when it is published monthly; alumni, University, and faculty news; per copy, 10 cents; per year, \$3.00. Levering Tyson, '11A.M., Managing Editor.

*The Columbia Bluebook*, 1900. A small handbook, containing information in regard to every form of student activity at Columbia, and an engagement calendar; published by the Christian Association and distributed free to all new students in the University each year.

*The Columbia Jester*, 1901. An illustrated comic paper, monthly during the college year; averages ten pages of reading matter with illustrations, cartoon, and a cover; per copy, 15c.; per year, \$1.00 (by mail, \$1.20).

*The Columbia Law Review*, 1901. Legal articles and book reviews by writers of recognized authority, and comment upon recent cases by the editors; edited by a board of about sixteen students of the School of Law; monthly, November to June (70 pp.); per copy, 30c; per year, \$2.00.

*The Columbia University Quarterly*, 1899. A magazine which aims to represent the wide variety of literary, philosophic, and scientific activities which focus at Columbia and through which the University contributes to the thought and work of the world; quarterly; averages 120 pages; per copy, 30 cents; per year, \$1.00; C. S. Baldwin, Managing Editor.

*The Columbian*. A bound, illustrated volume, containing statistics of athletics, fraternity membership, class achievements, and other information concerning student life; published by third-year men, elected from Columbia College and from the Schools of Applied Science. Volume XXIX was published by the class of 1919. Price, \$2.50.

*The Columbia Spectator*, 1877. Published daily, except Sunday; edited by a managing board of five, assisted by a board of six editors, and from twelve to twenty-five associate editors; per copy, 3 cents; per year, \$3.50.

*The Mortarboard*, 1897. An annual corresponding to the *Columbian*, but more literary in character, including, besides the history of the junior class, poems, stories, sketches, etc.; published by a board of about eight third-year students of Barnard College; price, \$1.00.

*The Senior Class-Book*. A book privately printed by the graduating class of Columbia College, through an editorial board, and distributed on class-day. Revived by the class of 1899, it has been continued by the succeeding classes; includes pictures and autobiographies of the members, letters from the faculty, and the class-day speeches.

*Year-Book of the Columbia University School of Architecture*, 1904. Architectural annual, published by the Architectural Society, showing work in the departments of design and drawing.

# ACADEMIC CALENDAR

1918

July	8	Monday. Nineteenth Summer Session begins.
August	1	Thursday. Last day for filing applications for the degrees of Master of Arts, Master of Science, and Master of Laws to be conferred in October. The privilege of later application may be granted up to August 15 on payment of a fee of \$5. Last day for filing applications for deficiency and special examinations. The privilege of later application may be granted on payment of a fee of \$5.
August	16	Friday. Nineteenth Summer Session ends.
September	9	Monday. Last day for filing applications for entrance examinations, and for advanced standing. The privilege of later application may be granted on payment of a fee of \$5.
September	16	Monday. Examinations for entrance, advanced standing, and for deficient and debarred students begin.
September	18	Wednesday. Registration (including the payment of fees) begins.
September	24	Tuesday. Registration ceases for students previously matriculated, except graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts. The privilege of later registration may be granted on payment of a fee of \$5.
September	25	Wednesday. Winter Session, 165th year, begins. Registration ceases for students not previously matriculated, except graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts. The privilege of later registration may be granted on payment of a fee of \$5.
September	28	Saturday. Registration ceases for graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts. The privilege of later application may be granted up to October 19 on payment of a fee of \$5.
October	1	Tuesday. Last day for filing essays for the degrees of Master of Arts, Master of Science, and Master of Laws to be conferred in October. Last day for filing applications for all degrees to be conferred in October, except Master of Arts, Master of Science, Master of Laws, and Doctor of Philosophy. The privilege of later application may be granted on payment of a fee of \$5. Last day for making changes in program, except for graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts.
October	15	Tuesday. Stated meeting of University Council.
October	19	Saturday. Last day for receiving late applications for registration and for making changes in program for graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts.
November	5	Tuesday. Election Day, holiday.
November	27	Wednesday. Annual Thanksgiving Service in St. Paul's Chapel.
November	28	Thursday, to November 30, Saturday, inclusive, Thanksgiving holidays.

- December 2 Monday. Last day for filing applications for the degrees of Master of Arts, Master of Science, and Master of Laws to be conferred in February. The privilege of later application may be granted up to December 14 on payment of a fee of \$5.
- December 8 Sunday. Annual Commemoration Service in St. Paul's Chapel.
- December 17 Tuesday. Stated meeting of University Council.
- December 23 Monday, to

## 1919

- January 4 Saturday, inclusive. Christmas holidays.
- January 9 Thursday. Last day for filing applications for entrance examinations. The privilege of later application may be granted on payment of a fee of \$5.
- January 16 Thursday. Mid-year entrance examinations begin.
- January 22 Wednesday. Mid-year examinations begin.
- February 1 Saturday. Registration (including the payment of fees) begins. Last day for filing applications for all degrees to be conferred in February, except Master of Arts, Master of Science, Master of Laws, and Doctor of Philosophy. The privilege of later application may be granted on payment of a fee of \$5.
- February 4 Tuesday. Winter Session ends. Last day for filing essay for the degrees of Master of Arts, Master of Science, and Master of Laws to be conferred in February. Registration ceases for students entering Spring Session. The privilege of later registration may be granted up to March 1 for graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts on payment of a fee of \$5.
- February 5 Wednesday. Spring Session begins. University Service in St. Paul's Chapel.
- February 12 Wednesday. Alumni Day.
- February 15 Saturday. Last day for making changes in program, except for graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts.
- February 18 Tuesday. Stated meeting of University Council.
- February 22 Saturday. Washington's Birthday, holiday.
- March 1 Saturday. Last day for receiving late applications for registration and for making changes in program for graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts. Last day for filing applications for University Fellowships and Scholarships. Last day for filing applications for the degrees of Master of Arts, Master of Science, and Master of Laws to be conferred in June. The privilege of later application may be granted up to March 15 on payment of a fee of \$5.
- April 1 Tuesday. Last day for filing applications for examination for the degree of Doctor of Philosophy to be conferred in June.
- April 15 Tuesday. Stated meeting of University Council. Last day for filing applications for all degrees to be conferred in June, except Master of Arts, Master of Science, Master of Laws, and Doctor of Philosophy. The privilege of later application may be granted on payment of a fee of \$5.
- April 17 Thursday, to April 21, Monday, inclusive. Easter holidays.

- April 21 Monday. Last day for filing applications for deficiency and special examinations. The privilege of later application may be granted on payment of a fee of \$5.  
Last day for filing applications for scholarships in the Schools of Law, Applied Science, and Architecture.
- May 1 Thursday. Last day for students in Columbia College to file choice of studies for following year. The privilege of filing such choice later may be granted on the payment of a fee of \$5.  
Last day for filing applications for scholarships in the School of Law, Applied Science, and Architecture.
- May 19 Monday. Final examinations begin.
- May 21 Wednesday. Last day for filing essays for the degrees of Master of Arts, Master of Science, and Master of Laws to be conferred in June.
- May 30 Friday. Memorial Day, holiday.
- June 1 Sunday. Baccalaureate Service.
- June 2 Monday. Class Day.
- June 4 Wednesday. Commencement Day.
- June 11 Wednesday. Spring Session ends.
- June 16 Monday. Entrance examinations begin.
- July 7 Monday. Twentieth Summer Session begins.
- August 1 Friday. Last day for filing applications for the degrees of Master of Arts, Master of Science, and Master of Laws to be conferred in October. The privilege of later application may be granted up to August 15 on payment of a fee of \$5.  
Last day for filing applications for deficiency and special examinations. The privilege of later application may be granted on payment of a fee of \$5.
- August 15 Friday. Twentieth Summer Session ends.
- September 8 Monday. Last day for filing applications for entrance examinations, and for advanced standing. The privilege of later application may be granted on payment of a fee of \$5.
- September 15 Monday. Examinations for entrance, advanced standing, and for deficient and debarred students begin.
- September 17 Wednesday. Registration (including the payment of fees) begins.
- September 23 Tuesday. Registration ceases for students previously matriculated, except graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts. The privilege of later registration may be granted on payment of a fee of \$5.
- September 24 Wednesday. Winter Session, 166th year, begins. Registration ceases for students not previously matriculated, except graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts. The privilege of later registration may be granted on payment of a fee of \$5.
- September 27 Saturday. Registration ceases for graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts. The privilege of later application may be granted up to October 18 on payment of a fee of \$5.
- October 1 Wednesday. Last day for filing essays for the degrees of Master of Arts, Master of Science, and Master of Laws to be conferred in October.  
Last day for filing applications for all degrees to be conferred in October, except Master of Arts, Master of Science, Master of Laws, and Doctor of Philosophy. The privilege of later application may be granted on payment of a fee of \$5.

- October 4 Saturday. Last day for making changes in program, except for graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts.
- October 14 Tuesday. Stated meeting of University Council.
- October 18 Saturday. Last day for receiving late applications for registration and for making changes in program for graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts.
- November 4 Tuesday. Election Day, holiday.
- November 26 Wednesday. Annual Thanksgiving Service in St. Paul's Chapel.
- November 27 Thursday, to November 29, Saturday, inclusive. Thanksgiving holidays.
- December 1 Monday. Last day for filing applications for the degrees of Master of Arts, Master of Science, and Master of Laws to be conferred in February. The privilege of later application may be granted up to December 15 on payment of a fee of \$5.
- December 7 Sunday. Annual Commemoration Service in St. Paul's Chapel.
- December 16 Tuesday. Stated meeting of University Council.
- December 22 Monday, to

## 1920

- January 3 Saturday, inclusive. Christmas holidays.
- January 8 Thursday. Last day for filing applications for entrance examinations. The privilege of later application may be granted on payment of a fee of \$5.
- January 15 Thursday. Mid-year entrance examinations begin.
- January 21 Wednesday. Mid-year examinations begin.
- January 31 Saturday. Registration (including the payment of fees) begins.
- February 2 Monday. Last day for filing applications for all degrees to be conferred in February, except Master of Arts, Master of Science, Master of Laws, and Doctor of Philosophy. The privilege of later application may be granted on payment of a fee of \$5.
- February 3 Tuesday. Winter Session ends.  
Last day for filing essay for the degrees of Master of Arts, Master of Science, and Master of Laws to be conferred in February.  
Registration ceases for students entering Spring Session. The privilege of later registration may be granted up to March 1 for graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts on payment of a fee of \$5.
- February 4 Wednesday. Spring Session begins.  
University Service in St. Paul's Chapel.
- February 12 Thursday. Alumni Day.
- February 14 Saturday. Last day for making changes in program, except for graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts.
- February 17 Tuesday. Stated meeting of University Council.
- February 23 Monday. Washington's Birthday, holiday.
- February 28 Saturday. Last day for receiving late applications for registration and for making changes in program for graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts.

- March 1 Monday. Last day for filing applications for University Fellowships and Scholarships.  
Last day for filing applications for the degrees of Master of Arts, Master of Science, and Master of Laws to be conferred in June. The privilege of later application may be granted up to March 15 on payment of a fee of \$5.
- April 1 Thursday. Last day for filing applications for examination for the degree of Doctor of Philosophy to be conferred in June.
- April 1 Thursday, to April 5, Monday, inclusive. Easter holidays.
- April 13 Tuesday. Stated meeting of University Council.  
Last day for filing applications for all degrees to be conferred in June, except Master of Arts, Master of Science, Master of Laws, and Doctor of Philosophy. The privilege of later application may be granted on payment of a fee of \$5.
- April 19 Monday. Last day for filing applications for deficiency and special examinations. The privilege of later application may be granted on payment of a fee of \$5.
- May 1 Saturday. Last day for students in Columbia College to file choice of studies for following year. The privilege of filing such choice later may be granted on payment of a fee of \$5.  
Last day for filing applications for scholarships in the Schools of Law, Applied Science, and Architecture.
- May 17 Monday. Final examinations begin.
- May 19 Wednesday. Last day for filing essays for the degrees of Master of Arts, Master of Science, and Master of Laws to be conferred in June.
- May 30 Sunday. Baccalaureate Service.
- May 31 Monday. Class Day, Memorial Day, holiday.
- June 2 Wednesday. Commencement day.
- June 9 Wednesday. Spring Session ends.
- June 14 Monday. Entrance examinations begin.
- July 6 Tuesday. Twenty-first Summer Session begins.
- August 2 Monday. Last day for filing applications for the degrees of Master of Arts, Master of Science, and Master of Laws to be conferred in October. The privilege of later application may be granted up to August 15 on payment of a fee of \$5.  
Last day for filing applications for deficiency and special examinations. The privilege of later application may be granted on payment of a fee of \$5.
- August 13 Friday. Twenty-first Summer Session ends.
- September 6 Monday. Last day for filing applications for entrance examinations, and for advanced standing. The privilege of later application may be granted on payment of a fee of \$5.
- September 13 Monday. Examinations for entrance, advanced standing, and for deficient and debarred students begin.
- September 15 Wednesday. Registration (including the payment of fees) begins.
- September 21 Tuesday. Registration ceases for students previously matriculated, except graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts. The privilege of later registration may be granted on payment of a fee of \$5.



September 22 Wednesday. Winter Session, 167th year, begins. Registration ceases for students not previously matriculated, except graduate students in Political Science, Philosophy, Pure Science, Education and Practical Arts. The privilege of later registration may be granted on payment of a fee of \$5.

There are three regular sessions of the University each year. A Winter Session of nineteen weeks, which begins on September 25, 1918, and ends on February 4, 1919; a Spring Session of eighteen weeks, which begins on February 5, 1919, and ends on June 11, 1919; and a Summer Session of six weeks, which begins on July 7, 1919, and ends on August 15, 1919. The Winter Session is the equivalent of what was formerly designated as the first half-year, and the Spring Session is the equivalent of what was formerly designated as the second half-year.

# REGISTER OF STUDENTS

## COLUMBIA COLLEGE

(H) indicates that the student is a candidate for a degree with honors

### SENIORS—CLASS OF 1918

Abelov, Irwin New York City  
 Abramson, Alexander Elias New York City  
 Adams, George Crawford New York City  
 Akers, Kenneth William Cleveland Heights, O.  
 Armstrong, Carlos Gabriel New York City  
 Aronoff, Jacob Broches (H) New York City  
 Aronson, Morray Kingdon (H) New York City  
 Aul, Harold E. New York City  
 Baker, John Louis New York City  
 Baker, John Percy New York City  
 Barth, August Stephan New York City  
 Barto, Everett Wheeler Ossining, N. Y.  
 Bellows, Frederick Morrow Mamaroneck, N. Y.  
 Belsky, Max New York City  
 Berg, Maurice North Petersburg, N. Y.  
 Berkowitz, Edgar Louis Kansas City, Mo.  
 Bernard, Abbott New York City  
 Bijur, Jerome M. New York City  
 Blackman, Isadore Nathan (H) New York City  
 Blasenstein, Joseph New York City  
 Bloomfield, Grover Elkhart Lake, Wis.  
 Bonime, Ralph Gabriel Kew Gardens, N. Y.  
 Brewster, William Henry Lake Placid, N. Y.  
 Brown, David Harvey Wilmington, Del.  
 Brown, William Barrett Mamaroneck, N. Y.  
 Brown, William Bernard New York City  
 Buchman, Joseph New York City  
 Bull, Clifton Banham, Jr. Yonkers, N. Y.  
 Bullwinkel, Harry Griffin New York City  
 Burdick, Russell (H) New York City  
 Buttenwieser, Benjamin J. New York City  
 Callahan, Walter Stewart New York City  
 Camp, Charles Wellner Newark, N. J.  
 Carroll, James Edward Elmhurst, N. Y.  
 Chang, Yao Chiang Hankow, China  
 Chang, Yun Shensi, China  
 Cleary, Eugene Henry New York City  
 Cochran, David Austen New York City  
 Cohen, Nathan Bernard (H) New York City  
 Condon, John F., Jr. New York City  
 Cone, Harold Joseph New York City  
 Conti, Antonio M. Yonkers, N. Y.  
 Cook, Ralph Cummings Inwood, N. Y.  
 Coumbe, Harold Albert New York City  
 Curry, Archibald C. New York City  
 Curry, David August New York City  
 Dash, Thomas New York City

Day, George Gerald Buffalo, N. Y.  
 De Muria, Ernest Harold New York City  
 Dennis, John Allston, Jr. Westfield, N. J.  
 Despres, Joseph Alfred New York City  
 Di Lorenzo, Costabile New York City  
 Dixon, George Graves New York City  
 Dohm, John Christian New York City  
 Durst, Abraham Rahway, N. J.  
 Farer, Charles New York City  
 Feldman, Philip New York City  
 Feldman, Robert Allison New York City  
 Felstiner, William New York City  
 Fierstein, Jacob New York City  
 Finkelhor, Francis New York City  
 Franklin, Roger Gerald New York City  
 Freudenheim, Leon David Yonkers, N. Y.  
 Friedenberg, David Hoboken, N. J.  
 Friess, Horace Leland (H) New York City  
 Fromholz, Adolph Stanley Hastings-on-Hudson, N. Y.  
 Frosch, Hyman Louis New York City  
 Gibson, James Broderick Buffalo, N. Y.  
 Gillette, George Wolcott Trofast Garden City, N. Y.  
 Ginsburg, Isidor (H) New York City  
 Ginzburg, Samuel New York City  
 Grayzel, David Mathews (H) New York City  
 Greenough, George Bartlett Saranac Lake, N. Y.  
 Guerin, Joseph Kirby New York City  
 Guiler, Hugh Parker (H) Forest Hills, N. Y.  
 Gutman, James (H) New York City  
 Haas, Louis New York City  
 Halpern, Samuel Newark, N. J.  
 Harrison, Emanuel Emile New York City  
 Hawkins, Ralph Clymer Richmond Hill, N. Y.  
 Heldt, Francis Henry New York City  
 Herman, Alexander Casdan New York City  
 Hollander, Clifford New York City  
 Holst, William A. (H) Long Island City, N. Y.  
 Horowitz, Harry New York City  
 Huang, Chung Hua Canton, China  
 Hurwich, Louis Boston, Mass.  
 Isaacson, Charles Bryan New York City  
 Jacobs, Stanley Ralph New York City  
 Jacobsen, Walter Henry Perth Amboy, N. J.  
 Joachim, Benjamin (H) New York City

Joseph, Henry	Rosedale, N. Y.	Popkin, Lionel Selicman	Franklin, La.
Kane, Harry Seney	New York City	Post, Loring Whiting	New York City
Kaplan, Leo	New York City	Povlsen, Paul Kristian	New York City
Karp, Joseph	New York City	Price, Irving Isidor	New York City
Kaufman, Abraham Jacob	New York City	Randall, John Herman, Jr. (H)	New York City
Kaufman, Leon David	New York City	Raymond, Carrington	New York City
Keogh, Thomas Francis	New York City	Redpath, Albert Gordon (H)	Vineland, N. J.
Kirsh, Benjamin Sillon	New York City	Rehlaender, Douglas Lincoln	Albany, N. Y.
Kohn, Robert Irving	New York City	Reichle, Herbert Siegfried	Irrington, N. J.
Kraeling, Carl Hermann (H)	New York City	Ripin, Mortimer M.	New York City
Kurzrok, Raphael	New York City	Robbins, Haddon	Edgewater, N. J.
La Barre, Nelson Eugene	New York City	Rosen, Ambrose Thomas	New York City
Lathrop, Albert Spicer	Mt. Carmel, Conn.	Rosen, Hyman William	New York City
Latour, Casper Charles (H)	New York City	Rosen, I. Theodore	New York City
Leavitt, Philip B.	New York City	Rothschild, Joseph Meyer	New York City
Leerburger, Allan Bader	New York City	Russakow, Raphael Philip	Buffalo, N. Y.
Le Master, Zaner Rae	Kendallville, Ind.	Russell, James Earl, Jr.	New York City
Levinsky, Aaron	New York City	Schachtel, Victor Robert (H)	New York City
Lieberman, Samuel Harry	New York City	Schaedle, Thomas George	New York City
Lindberg, Milton Benjamin	Cokato, Minn.	Schiff, Leo	New York City
Lobsenz, Meyer	Passaic, N. J.	Schoenbrod, Edward Joseph	New York City
Loiseaux, Roland Louis	New York City	Schwanda, Charles Benedict	
Louria, Milton Roland (H)	New York City		Winfield Jct., N. Y.
Lu, Shi Yung	Yunnan, China	Schwartz, Sydney Pincus	Bucharest, Roumania
McCloskey, Scott Stevens	Lock Haven, Pa.	Sealy, Donald Farrington	New York City
McClumpha, Charles Wesley		Selig, Seth	New York City
	Amsterdam, N. Y.	Shapiro, Nathaniel Samuel	New York City
McCready, John Dudley	Winchester, Ky.	Sherwin, Sidney Alexander	New York City
McErlean, Thomas Michel	New York City	Silberblatt, Theodore	New York City
Mandelbaum, Malvin Robert	New York City	Spence, Payton Westbrook	New York City
Marson, Benjamin (H)	New York City	Spero, Sterling Denhard	New York City
Martyn, Burr (H)	New York City	Stein, Joseph Frederick	Long Branch, N. J.
Mattison, Sidney	New York City	Steiner, Harry	Newark, N. J.
Maue, Henry Peter	New York City	Steinschneider, Richard	Yonkers, N. Y.
May, A. Wilfred	New York City	Stern, Abner	New York City
Mebane, Donald Cummins	Wilkes-Barre, Pa.	Stern, Robert Louis S.	New York City
Mengel, Arthur Robert	Reading, Pa.	Stickel, Jesse (H)	New York City
Menken, Jules A.	New York City	Strouse, Irving Sittenfield	New York City
Merritt, George Hunter	Newburgh, N. Y.	Suter, Karl William	New York City
Meyerhoff, Howard Augustus	New York City	Tobias, Charles Howard	New York City
Morris, Edwin A.	New York City	Toombs, Francis Raye	New York City
Morris, Leon (H)	New York City	Townsend, Landon McDuffie	Raynham, N. C.
Murray, John Paul Thompson	New York City	Turner, Alva	Briarcliff Manor, N. Y.
Nayfack, Bertram S.	New York City	Valentine, Stephen, Jr.	New York City
Neale, Walter	New York City	Van Dyck, Vedder	Amityville, N. Y.
Nelson, James Homer	Pocantico Hills, N. Y.	Van Raalte, Byron Emanuel	New York City
Neuhaus, Herman	New York City	Volckening, Lloyd Irwin	New York City
Offner, Monroe Marc	New York City	Walsh, Maurice C.	Yonkers, N. Y.
Oppenheim, Saul (H)	New York City	Weil, Charles Jacob	Montgomery, Ala.
Orloff, Louis	New York City	Weinzwieg, Max (H)	New York City
Ostrow, August	Newark, N. J.	Welt, Bernard	New York City
Paley, Charles	New York City	Wilshusen, Herbert	New York City
Pasner, Samuel David (H)	New York City	Wilson, Frank Ray	Middletown, N. Y.
Peller, Philip	New York City	Woltmann, Jack Henry	New York City
Petschek, Walter John	New York City	Work, Lincoln Thomas (H)	Yonkers, N. Y.
Phelps, Kenneth Proctor	Waukesha, Wis.	Yankauer, Walter David	New York City
Pines, Robert A.	New York City	Young, James Donald	New York City
Pinski, Henry	New York City	Yuan, Philip Li	China
Plain, Leopold Nicholas	New York City	Zeltner, Gustav Adolph	New York City

## JUNIORS—CLASS OF 1919

Abell, Ross Adams	New York City	Erneman, John Atkinson	New York City
Abrahams, Henry Brash	New York City	Feldman, Robert Hugh	New York City
Abramson, Harold Alexander	New York City	Fischer, Dietrich Paul	New York City
Adams, Morris R.	New York City	Fishberg, Arthur Maurice	New York City
Aebli, Rudolph	New York City	Fisher, Robert Cockburn, 2nd	New York City
Agar, Herbert Sebastian (H)	New York City	Fowler, Thomas L.	New York City
Amazon, Peter	New York City	Fox, Ezra Gregory Benedict	New York City
Anderson, Chester Thomas	New York City	Frant, Samuel	Newport, R. I.
Anello, Vincent	New York City	Freedman, Joseph Leon	New York City
Asch, Joseph	New York City	Funcke, Walter Arthur	New York City
Ashley, Homer Champion	New York City	Gerdy, Isidor	Lakewood, O.
Aufses, Arthur Harold	New York City	Giglio, Alphonso Salvatore Vincent	
Baer, Lawrence Henry	Nyack, N. Y.		Elizabeth, N. J.
Bailin, Julius	New York City	Gillis, Adolph	New York City
Baratta, Achille Francesco	New York City	Glauber, Stanley Edgar	New York City
Barovick, Sidney Hyman	New York City	Goerlich, Emil Adolph (H)	New York City
Beebe, Kenneth John	New York City	Goldberg, Benjamin	New York City
Beller, William Charles	New York City	Goldberg, Moses	New York City
Bergoffen, Julian Ira	New York City	Golday, Nathan	New York City
Bernard, Edward	New York City	Goldstein, Max	New York City
Bijur, George Asher	New York City	Gordon, Daniel	New York City
Bloch, Monroe	New York City	Gordon, Herbert	New York City
Block, Herman	New York City	Graham, Robert Lincoln	New York City
Bolotin, Max	Sharon, Pa.	Graves, Eugene Van Tassel (H)	New York City
Borshaw, Hyman	Hoboken, N. J.	Greenwald, Willard Ferdinand	New York City
Brandstein, Joseph S.	New York City	Grimming, John William	Jersey City, N. J.
Brennan, Henry Mott	New York City	Grodin, Thomas Murray	New York City
Buonaguro, Michael James	New York City	Grunzweig, Armand	New York City
Burns, Alan Elmer	Madison, N. J.	Guinness, Arthur Bennett	Syracuse, N. Y.
Burstein, Elliot Maurice	Cleveland, O.	Guterman, Henry Rosenwald	New York City
Busch, Lawrence Carl Victor	Elizabeth, N. J.	Gyss, Emile Edmond	Yonkers, N. Y.
Caesar, Saul	Monticello, N. Y.	Hammer, Armand	New York City
Callaway, Charles Wilber	Orange, N. J.	Hartung, Edward	New York City
Campbell, Colin B.	New York City	Hastings, Edward Walton	New York City
Capek, Thomas	New York City	Herz, Charles	Lexington, Ky.
Caplan, Solomon	New York City	Hettling, Frederick C.	New York City
Cass-Papazian, George Washington	New York City	Hollander, Franklin (H)	New York City
	New York City	Horan, Stanley Gray	New York City
Cerf, Bennett Alfred	New York City	Huelsenberg, Alfred Louis	New York City
Cohen, Joseph Henry	New York City	Illman, Fletcher Gillespie	Pine Brook, N. J.
Cohen, Max Bernd	New York City	Ivins, Carrell Perry	Trenton, N. J.
Cohn, Joseph	New York City	Jensen, Leif George	New York City
Cohn, Samuel	New York City	Juster, Irving	New York City
Cokefair, Allen J.	New York City	Kalman, Harry	New York City
Collins, Arnold Miller	New York City	Katzen, Julius	New York City
Cowan, Percival Edmund	New York City	Kelly, George Barchfield	New York City
Cowen, Robert Irving	New York City	Kemp, Ellwood Jarck	Terre Haute, Ind.
Curran, Frederic M.	New York City	Kempner, Sigmund Marshall	New York City
Darmstatter, Norman Ernest	Passaic, N. J.	Kimball, Francis Thornton (H)	New York City
Davis, Moses (H)	New York City	Kinzel, Augustus Braun (H)	New York City
Dean, George (H)	New York City	Kitay, Milton	Paterson, N. J.
Dehls, Frederick	New York City	Knodel, Robert Edwin	New York City
Devine, Tom	New York City	Koplik, Daniel Morris	New York City
Doragoff, Nathan	New York City	Koral, Israel (H)	New York City
Druss, Joseph G.	New York City	Kwong, Kwang-liu	Shanghai, China
Dubnau, Isadore James	New York City	Laguardia, Giordano Bruno (H)	New York City
Engler, William	New York City	Lane, Lee Britton	Kansas City, Mo.
Epstein, Hugo Irving (H)	New York City	Lang, Joseph	New York City
		Larson, Hubert Gant	New York City

Leith, Alexander	New York City	Sanborn, Frederick R. (H)	New York City
Levi, Gerard Spenser	New York City	Sarlin, Charles N.	Elmhurst, N. Y.
Levy, Emil	New York City	Scafati, John (H)	New York City
Lippmann, Robert Korn	New York City	Schaaf, William Leonard (H)	New York City
Lipsky, Leon	New York City	Schlesinger, Edwin Isaac	New York City
Lobel, Alex	New York City	Schlessel, Louis	New York City
Lott, John MacKay	New York City	Segeler, Curt George (H)	New York City
Lustig, Max	New York City	Serafino, Frank	New York City
McCabe, Angus Shaw	New York City	Shafer, Thomas Guy	Sedro Woolley, Wash.
McCabe, Selden Partridge	Yonkers, N. Y.	Sherman, Louis	New York City
McDermott, William	Guttenberg, N. J.	Shirk, Daniel Austin	New York City
McGowan, Francis Joseph, Jr.	New York City	Silverman, Gabriel	New York City
Marcus, Israel Hyman	New York City	Simonson, Earle Messner (H)	Tottenville, N. Y.
Marcus, Ralph Sanford (H)	New York City	Sinclair, John Stephens	New York City
Markel, Claude	New York City	Singer, Jules Bernard	New York City
Marraro, Rosario	New York City	Smith, John Edward	New York City
Mathews, Maxwell Julius	New York City	Spewack, Samuel	New York City
Megirian, Zareh	New York City	Standard, Paul	Ellenville, N. Y.
Meier, Frank Anthony	Newark, N. J.	Staub, Herbert Thomas	Bloomfield, N. J.
Meisterman, Samuel G.	Kearny, N. J.	Stone, Louis	New York City
Meyers, Moses Louis	New York City	Sukloff, Hyman	New York City
Meynen, Frederic Grantham	Jamaica, N. Y.	Svensson, Ejnar Sven Holger	Buffalo, N. Y.
Michaels, George	New York City	Sweeney, Henry Whitcomb Stacy	New York City
Miller, David	New York City	Tastrom, Edward Philip	New York City
Miller, Wallace Johnston	New York City	Teplitsky, David	New York City
Minoli, Silvis Anthony	New York City	Thatcher, Harold Wesley	New York City
Mirsky, Leo Philo (H)	New York City	Thomashefsky, Milton	New York City
Misch, Carl Elkin	New York City	Thompson, Mark Leslie	London, Ohio
Moore, Wilbur John	Watertown, Conn.	Tsai, Chinpin Tsen	Shanghai, China
Moses, Lionel	New York City	Turk, Milton (H)	New York City
Moss, Richard Maurice	New York City	Turk, Richard Jason	Cressan, Pa.
Nashley, Alvin	New York City	Tynan, Martin Francis	New York City
Neilson, John, Jr.	New York City	Ullman, Leon Kaufman	New York City
Nisselson, Theodore Max	New York City	Velte, Edwin H.	New York City
Norris, Julian Reuben	Elizabeth, N. J.	Vollmers, Henry Edward, Jr.	New York City
Oppenheim, Gordon David	New York City	Wacht, Jesse	New York City
Orlando, Santo	New York City	Wallace, Schuyler Crawford (H)	New York City
Perkins, Osborn Poor	New York City	Ward, Frank Taylor	New York City
Peskowitz, Solomon	New York City	Wechsler, Harry F.	New York City
Piel, Rudolf Alfred	New York City	Weinstein, Mortimer	New York City
Pooler, Louis Gordon	Tuxedo Park, N. Y.	Wiesenberger, Arthur	New York City
Proffitt, Henry Walton	Garnerville, N. Y.	Wiles, Merton Edward	Canajoharie, N. Y.
Proper, Minard Le Grand	New York City	Williams, Gurdon Hunter	New York City
Pugh, John Hammett (H)	New York City	Young, Russell Southworth	Yonkers, N. Y.
Radcliff, Peter Edward, Jr.	Yonkers, N. Y.	Zazeela, Herman	New York City
Richardson, Alfred Francis, Jr.	New York City		
Richardson, Alfred Wells	New York City		
Robinson, Walter Scott	Colorado Springs, Col.		
Rogers, Francis Walker (H)	Monson, Mass.		
Rogers, Herbert Melvin	New York City		
Rogers, Richard Merington	Newark, N. J.		
Rohdenburg, Edward Laux	New York City		
Rose, Nathaniel	New York City		
Rosen, James Michael	New York City		
Rosenberger, Harold Jerome	New York City		
Rosenfeld, Samuel	New York City		
Rosenzweig, Maxwell	New York City		
Ruppe, John Paul	New York City		
Saland, Gambiel	New York City		

## SOPHOMORES—CLASS OF 1920

Accarino, Frank Joseph	New York City
Ackerman, John	Evergreen, N. Y.
Adamovsky, Joseph	Long Island City, N. Y.
Alexander, Nelson Newton	New York City
Alzamora, Luis	New York City
Amdur, Leon	New York City
Archinal, Walter John Adam (H)	New York City
Arnheim, Ernest Emanuel	New York City
Aronson, Paul Lawrence	New York City
Axford, Clinton	Rutherford, N. J.

Bahrenburg, Trevor Mangels	New York City	Dickinson, Lambert Francis	New York City
Balson, Zachary David Boris	Newark, N. J.	Dieckman, Charles J.	New York City
Barnes, F. Alexander Duncan	Hoboken, N. J.	Dietrich, Hastings Louis	New York City
Baron, Maurice	New York City	Donovan, Harry Joseph	New York City
Batten, Augustus George	Rye, N. Y.	Dorr, James Bryan	Plainfield, N. J.
Beckett, Wheeler Martin Alfred	Pelham Manor, N. Y.	Dreesbach, Philip Pratt	New York City
Beer, Andrew Edward	Weehawken, N. J.	Duncan, Wayland Pierce	New York City
Belth, George	New York City	Eaker, Linah Mimmes	New York City
Benedict, Frederic Parkhurst	Arlington, N. J.	Egan, John Raymond	Jersey City, N. J.
Benedict, George Bernard	Oneonta, N. Y.	Eisfelder, Henry William <sup>1</sup> Joseph	New York City
Benioff, Robert	Long Island City, N. Y.	Emerick, William Cutler, Jr.	Ardsley, N. Y.
Berg, Jacob	New York City	Endursky, Abraham Leonard	New York City
Bergmann, Carl Alfred Oscar	New York City	Epstein, Harry Robert	New York City
Bessie, Everett Mortimer	New York City	Everett, Guerra	San Antonio, Tex.
Bierschenk, Frederick Peter	New York City	Ezickson, Aaron Jacob	Philadelphia, Pa.
Bilden, Rüdiger (H)	Eichweiler, Germany	Fadiman, Edwin M.	New York City
Birnbaum, Max George	New York City	Fanger, Benjamin Franklin	Missouri Valley, Ia.
Bishop-Kindleberger, Philip	George Crosbie Jamestown, R. I.	Farr, Daniel D.	Milan, Pa.
Bloch, Emii William	New York City	Farrell, Thomas Joseph, Jr.	New York City
Bloch, Godfrey Samson	New York City	Feldstein, Louis (H)	New York City
Block, Benjamin Farber	Newton, N. J.	Ferguson, Frank Currier	New York City
Bloomer, Millard J., Jr.	New York City	Fialka, Solomon	New York City
Bolognesi, Alfonso Louis	Highland, N. Y.	Fineberg, Bernard Jack	Jersey City, N. J.
Botsford, Willard	New York City	Finkelstein, Maurice	New York City
Bowitz, Bertrand	New York City	Fisher, Karl Ferdinand Joseph	New York City
Braunstein, David	New York City	Fishkind, Silas Benjamin	New York City
Brehm, William Frederick	Troy, N. Y.	Fiske, Eugene Smith	Mt. Vernon, N. Y.
Browne, Raymond	Richmond Hill, N. Y.	Flax, Jacob Louis	Newark, N. J.
Bunnekamp, William	S. Englewood, N. J.	Ford, William Arnold	New York City
Burger, Aaron Leonard	New York City	Forster, Herbert Webster	New York City
Burgess, Frederic Dennis	Newark, N. Y.	Fox, James McCutchen	New York City
Burke, Kenneth Duva	Weehawken, N. J.	Fox, Richard Hassler	White Plains, N. Y.
Cahn, Arthur Morris	New York City	Friedman, Monroe	New York City
Campbell, Henry Booth	New York City	Frisch, Irving Alexander	New York City
Chang, Ching Yu	Chihli, North China	Fung, Kat Shau	Canton, China
Chapin, Henry Sealy	New York City	Gallico, Paul William	New York City
Chilton, Thomas Hamilton	Montgomery, Ala.	Galvin, William James, Jr.	Hartford, Conn.
Christoffers, Carl	New York City	Garland, Carter Braxton	New York City
Claman, Irving	New York City	Gebelow, Morris	New York City
Clapp, Sherman Allison	East Orange, N. J.	Gelbin, Edward	New York City
Cohen, David Julius	New York City	Gentile, Edward Eugene	New York City
Cohen, Harry Barnett	New York City	Geraty, John Elwood	Bradley Beach, N. Y.
Colean, Miles Lanier	Peoria, Ill.	Gerish, Albin Frank	New York City
Collins, Edward Harrison	New York City	Giles, John Warren	East Orange, N. J.
Conant, Richard Royce	New York City	Ginsburg, Solomon Wiener	New York City
Conly, Dudley Irving	New York City	Glassman, Peter Leo	Hartford, Conn.
Corio, George Albert	Jersey City, N. J.	Gnaedinger, Louis Beverly	New York City
Corn, Philip Alexander	Bayside, N. Y.	Golding, Julius Hyman	New York City
Cox, William H. D.	Newark, N. J.	Goldman, Harry	New York City
Crane, Lawrence	New York City	Goldman, Matthew Sidney	New York City
Cuffee, Aaron Jeffery (H)	New York City	Goldstein, Ira Edwin	New York City
Cullen, John Joseph Francis	Short Hills, N. J.	Goldstein, Theodore	New York City
Curtin, Leo Patrick (H)	New York City	Goldstone, Nathan Irving	New York City
Davidson, Charles Mowbray	Boise, Idaho	Golembe, Julius	New York City
Davis, Charles Prescott	Mt. Vernon, N. Y.	Goodman, Arthur Leslie	New York City
de Ajuria, José A.	New York City	Goodman, Henry Isaac	Newark, N. J.
Diasio, Fortunato Anthony	New York City	Gourlie, John Cameron	New York City
		Granet, Emil	New York City
		Grant, Malcolm McNeill, Jr.	Birmingham, Ala.

Greenberg, Alexander (H)	New York City	Lee, Ying Chiu	Hong Kong, China
Greenblatt, Harold	New York City	Lennon, Francis Andrew	
Griffen, Joseph Carpenter	Port Chester, N. Y.		Hastings-on-Hudson, N. Y.
Grodofsky, Samuel Harold	New York City	Lester, Leslie	New York City
Grossman, Alexander	New York City	Levy, Lawrence Ludwig	New York City
Grubnick, Max	New York City	Levy, Sanford David	New York City
Hacker, Louis M.	New York City	Lienau, August Williams	New York City
Hadas, Gershon	New York City	Lifshey, Maurice	New York City
Hahn, Walter Ferdinand	New York City	Liftin, Louis Swick (H)	New York City
Haldenstein, Herbert Walter	New York City	Light, James Rankin	Pittsburgh, Pa.
Hallock, Fremont Billings	Woodhaven, N. Y.	Linsky, Harold	Carteret, N. J.
Hanauer, Sylvan Leonard	New York City	Lint, Theodore	New York City
Hanel, Leon Louis	Williamsville, N. Y.	Litt, Jack	East Patchogue, N. Y.
Hanlon, Walter Gerard	New York City	Lobsenz, Harry Sydney	Passaic, N. J.
Hauck, John	Flemington, N. J.	Londoner, David M.	New York City
Hauser, Terrell	Hooper, Neb.	Lorenz, Stephen John	Newark, N. J.
Hawkes, John Ballard	New York City	Luftig, William Wolfe	Newark, N. J.
Heacock, Willard Job	New York City	McCarthy, William Vincent	New York City
Healy, Edward McGourgle, Jr.	Wayne, Me.	McCarthy, Gordon Wallace	Port Jervis, N. Y.
Hedden, Walter Page	Newark, N. J.	McCormick, Francis Donald	New York City
Helwig, Herman Frank, Jr.	New York City	McKeon, Richard Peter	Town of Union, N. J.
Herty, Frank Bernard	New York City	McMahon, Vincent Raymond	Corona, N. Y.
Hildred, John Beverly	Ripley, N. Y.	Mabbott, Thomas Ollive (H)	New York City
Hill, Karl Merl	St. Johnsbury, Vt.	Mabie, Ralph Roberts, Jr.	New York City
Hoffman, Isidor B. (H)	Newark, N. J.	Mandel, Charles	New York City
Hoffman, Leon Francis	Newark, N. J.	Mandell, Gilbert Edward	Forest Hills, N. Y.
Honigsbaum, Benjamin	Tannersville, N. Y.	Manheim, Harold Julian	New York City
Horcasitas, Javier	El Paso, Tex.	Mann, Raymond	New York City
Houlahan, James M.	Mt. Vernon, N. Y.	Marks, Randolph Simeon	Hartford, Conn.
Hyde, John Barker	New York City	Marraffino, Joseph Francis	Dominic
Ingersoll, John Campbell	New York City		New York City
Isaacson, Abraham Irving	Winsted, Conn.	Masterson, Edward	New York City
Joachim, Leo Harold	New York City	Meagher, James Francis	Chicago, Ill.
Joffe, Philip J.	New York City	Medigovich, Dushan	Bisbee, Ariz.
Johnston, Guy Ellis	Northport, N. Y.	Meyer, Harry	New York City
Johnston, Kelvin	New York City	Meyer, Henry, Jr.	New York City
Jones, G. Lester B.	New York City	Miller, Henry	New York City
Josephson, Matthew	New York City	Miller, Howard Milton, 2nd	
Kabak, Jacob	New York City		New Rochelle, N. Y.
Kahan, Isidor Theodore (H)	New York City	Minton, Henry Miller	New York City
Kahn, Erwin	New York City	Modarelli, Alfred Eugene	New York City
Kantor, Herbert Gordon	New York City	Modica, Antonino	New York City
Kappes, George Lincoln	New York City	Moldenke, Richard, Jr.	Watchung, N. J.
Katchen, Ira Julius	Newark, N. J.	Morris, Walter Bernard	New York City
Katz, Allen Benjamin	Martinsburg, W. Va.	Mussaues, William Theodor	New York City
Kaufman, Joseph William	New York City	Neitz, John Donald	New York City
Kaufmann, Herbert A.	New York City	Neumann, Waldemar Julius	New York City
Kayan, Carl Frederick	New York City	Newington, John Caspar	New York City
Kennedy, John Buckley	Hoboken, N. J.	Norris, Robert Paul	New York City
Kennedy, John Drummond	Manchester, N. H.	Nusbaum, Virginus Harding	Norfolk, Va.
Kiendl, Frank	New York City	Oberrender, Willard Herbert	
Kilroe, John Charles	Honesdale, Pa.		South Orange, N. J.
Koenig, Herbert Augustus	New York City	Oehlers, Eugene Valentine	Chestnut Hill, Conn.
Koeppicus, Herbert	Jamaica, N. Y.	Oggins, Isaiah (H)	Willimantic, Conn.
Kraus, Jack Lewis	New York City	O'Grady, John Bellingham	New York City
Kuhn, Frederick Charles	New York City	Okin, Irving	Hackensack, N. J.
Laubgross, Victor	New York City	O'Sullivan, William Vincent	Lawrence, Mass.
Lay, Theodore Melville	Flushing, N. Y.	Owens, Louis Cassard, Jr.	New York City
Leahey, Joseph Michael	Poughkeepsie, N. Y.	Pack, Samuel James	New York City

Parent, Alvah Kibby	White Plains, N. Y.	Scott, Philip Boyer	New York City
Parkes, James Saunders	Forest Hills, N. Y.	Segal, Paul Moses	Denver, Colo.
Parnes, Paul	New York City	Seltzer, Sidney Cecil	New York City
Patet, Nabibax Jan	Bombay, India	Semel, Louis Bennett	New York City
Phelps, Gordon Winfield	North Adams, Mass.	Serra, Frank	Long Island City, N. Y.
Phillips, Corbett Ellsworth	Pikeville, Ky.	Setzler, William Edward	White Plains, N. Y.
Piper, Kenneth Brett	New York City	Shalom, Israel Aaron	New York City
Porfilio, Frederic Michael	New York City	Shapiro, Norman	New York City
Posner, Adolph	Hartford, Conn.	Shaw, Charles Edgar	Louisville, Kans.
Powell, Robert	New York City	Sheerin, Charles Wilford	New York City
Prager, William Henry	New York City	Sherwin, Julius	New York City
Pratt, Sherman Eugene	New York City	Shorr, Philip (H)	New York City
Proudian, Aram Tovmas	North Bergen, N. J.	Shuloff, Emil	New York City
Quat, Arnold	New York City	Sibley, Horace Norman	Wendell, Mass.
Raimondo, Anthony Francis	Cristobal, Canal Zone	Silberkraus, Robert	New York City
Rakov, William	New York City	Simmons, Conrad C.	New York City
Rauchfuss, Herbert A. C.	New York City	Simon, Richard Leo (H)	New York City
Rauh, Stanley Ernest	Dayton, Ohio	Sinclair, William Stephens	New York City
Raymond, George Sloan	Thiells, N. Y.	Singer, Irving	New York City
Raymond, Irving Woodworth (H)	New York City	Small, George Kunkel	New York City
Reinke, Hermann William	New York City	Smith, Edward Louis	New York City
Rich, Eugene Joseph	Portland, Ore.	Smith, John Edward	Detroit, Mich.
Rivera, Godofredo	Laguna, P. I.	Smith, Robert James	New York City
Robbins, Ira	New York City	Soble, Alexander	Elmira, N. Y.
Robertson, Curtis	New York City	Sohn, Harry	New York City
Rodriguez, Antonio Helier	Caibarien, Cuba	Soskin, William Howard	New York City
Rogers, John Frederick	Poughkeepsie, N. Y.	Sperber, Frank	Rockaway Beach, N. Y.
Rosenbaum, George	New York City	Sposta, Dominick Cornelius	New York City
Rosenholz, Walter	New York City	Starr, Morris Charles	New York City
Rosenson, Alvin Seymour	New York City	Stephens, Gaston McFarland	New Bedford, Mass.
Rosenthal, Howard Lincoln	New York City	Stern, William Adler, 2nd	Philadelphia, Pa.
Rosenthal, Theodore	New York City	Stevens, James Raymond	Granville, N. Y.
Ross, Richard Morrow	New York City	Stewart, Harold Morgan	Mt. Vernon, N. Y.
Ruffolo, Hercules	New York City	Stockhammer, Fabian	New York City
Ruschke, Egmont Westy (H)	New York City	Stone, Maurice Louis	New York City
Saacke, Charles W., Jr.	New York City	Strittmatter, Eugene John (H)	Weehawken, N. J.
Sable, Louis Berol	Pittsburgh, Pa.	Stuart, Douglas	New York City
Sachs, Alfred Henry	New York City	Tartacoff, Harry Aaron	New York City
Sacken, Abraham Herrmann	New York City	Taylor, Eustace Lowell	New York City
Sage, Robert Henry	Hartsdale, N. Y.	Thompson, George Alanson Tracy	New York City
Salzedo, Pedro Pablo	New York City	Thompson, Kenneth Ralph	New York City
Sandblom, Frederick Gustav	Croton-on-Hudson, N. Y.	Titterton, Donald Williams	Orange, N. J.
Sandel, Adam William	New York City	Tomberg, Leo	New York City
Sanders, Murray	New York City	Tropp, James	New York City
Scarritt, Ellett Gibbs	South Orange, N. J.	Van Nort, Joseph Sands	Scranton, Pa.
Scheiner, Philip	New York City	Van Raalte, Morton Emanuel	New York City
Scherer, Nelson Klein	New York City	Villaume, Frederick Henry	New York City
Schimmenti, John Marcus	New York City	Volmer, August Karl Ferdinand	New York City
Schlesinger, Donald	New York City	Wachsmann, Herbert	New York City
Schlichting, John Ferdinand	New York City	Wadel, Felix Bath	Tyler, Tex.
Schneider, Arthur A.	New York City	Walker, Everett David	New York City
Schorr, Adolph	New York City	Waltzer, Nathan (H)	New York City
Schrage, Benjamin	New York City	Wandres, Charles Taylor	New York City
Schwarz, Arthur Donald	Rochester, N. Y.	Ward, John Robertson	Easton, Pa.
Schwarz, Herbert Maier	Paterson, N. J.	Wechsler, Jacob Jackson	Hoboken, N. J.
Scimeca, Antonio Adolfo	New York City	Weinstein, David	New York City



Weinstein, Samuel	New York City	Brush, Donald Linsley	New York City
Welton, Walter Frederick	Mohegan Lake, N. Y.	Bryan, Lloyd Thomas	Lehigh, Pa.
Wenger, Hermann Leslie	New York City	Burstein, Julius	Cleveland, Ohio
Wenman, Frederick Aldis	New York City	Buttenbaum, Frederick Davies	
West, Ralph O'Neal	New York City		Weehawken, N. J.
Westermann, Henry Louis	Chicora, Pa.	Cadwell, Mark Coats	Garden City, N. Y.
Whitehill, Clayton Sandberg	Philadelphia, Pa.	Cagney, Harry Vincent	New York City
Withus, Carl Michael	New York City	Campbell, John Robert	Herkimer, N. Y.
Worden, Fulton Connell Powers		Canapary, Frank Joseph	New York City
	New York City	Capillon, Edward Albert	New York City
Youseberg, Louis Israel	New York City	Carlson, John Howard	New York City
Zable, Benjamin David	Reading, Pa.	Carofiglio, Louis Edward	New York City
		Carroll, Philip Francis	Rosebank, N. Y.
		Cart, Theodore Simons	Mt. Vernon, N. Y.

## FRESHMEN—CLASS OF 1921

Abramson, Harold	New York City	Carter, Roy	Scranton, Pa.
Adams, Darwin James	New York City	Catalano, Joseph Salvador	New York City
Adelman, Saul	New Britain, Conn.	Chabarowsky, John	New York City
Alcivar, Ernest	East Pleasantville, N. Y.	Chafey, James Holmes	Maplewood, N. J.
Alexander, Shepard Lee	New York City	Chaney, Joseph Burton	New York City
Amendola, Roy V. H.	New York City	Chapman, William	New York City
Anderson, William Robert, Jr.	New York City	Chasnoff, Joseph Solomon	New York City
Andreaccio, William	Hoboken, N. J.	Cherkasky, Nathan	New York City
Andreyko, George	Jersey City, N. J.	Chipley, William Galt, Jr.	New York City
Andriopoulos, Nicholas	New York City	Citron, Victor Nathan	White Plains, N. Y.
Appel, Ronald Beams	White Plains, N. Y.	Clark, Edward Thomson	Oneida, N. Y.
Appell, Paul Harry	Bristol, Conn.	Clark, John Monroe	White Plains, N. Y.
Archibold, Robert French, Jr.	New York City	Clemente, Frank Geoffrey	New York City
Armengol, José Maria	Mexico City, Mexico	Cohen, Elliot	New York City
Aronovitz, Benjamin	New York City	Cohn, Arthur Barnett	New York City
Austin, David Ferguson, Jr.	New York City	Cohn, Richard Adolph	New York City
Babbín, Abraham	New York City	Collins, Virgil Dewey	New York City
Bachrach, Alfred Ralph	New York City	Colman, Jacob	New York City
Bagster-Collins, Robert Denzil		Condon, Lawrence Robert	New York City
	Montrose, N. Y.	Cowie, John Harold	Buffalo, N. Y.
Baker, Lawrence	Yonkers, N. Y.	Craske, Harold	New York City
Beach, Arthur Thomas	New York City	Crocker, Robert Holdridge	Binghamton, N. Y.
Beatty, Colwell	Ridgewood, N. J.	Curnow, George Tryrelian, Jr.	New York City
Becker, Arthur	New York City	Curtiss, Carl Clayton	Alexander, N. Y.
Beiswenger, Gustav Adam	New York City	Cusack, John Tracy	New York City
Bell, C. Frederic	New York City	Danihy, Howard Francis	New York City
Benjamin, Park	New York City	Davidoff, Eugene	New York City
Benziger, Alfred F.	Summit, N. J.	Dawson, Archie Owen	New York City
Berg, Oscar Ferdinand	New York City	Dearborn, Howard Clayton	Kitchowen, N. Y.
Berger, William J.	New York City	Dearstye, Stanley Charles	Albany, N. Y.
Bernstein, Marshall Menline	New York City	De Fronzo, Anthony Frank	New York City
Biggs, George Browning	New York City	De Giorgio, Romualdo F.	New York City
Bingham, Addison Baldwin	New York City	Deitsch, Alan B.	New York City
Blasco, Dionisio Arturo	New York City	Deller, A. William	Ridgewood, N. J.
Bliss, John Horace	New York City	De Maio, Michael	New York City
Bodin, Harry	New York City	de Mercado, Arthur	Kingston, Jamaica
Bodkin, Laurence Griffin	New York City	Demmler, Oscar William	Pittsburgh, Pa.
Bowen, Raymond Joseph	Binghamton, N. Y.	De Russi, Victor John	West New York, N. J.
Brahdy, Max	New York City	DeWitt, Donald Ashterau	Oneida, N. Y.
Brandeis, Frederic	New York City	Diamond, Sidney R.	New York City
Bresky, Hillard	Hudson, N. Y.	Dohrenwend, Henry Albert	New York City
Brice, Jay Stewart	New York City	Doubleday, James Stewart	Lynbrook, N. Y.
Brighton, George Renfrew	Jersey City, N. J.	Dow, Raymond John Joseph	New York City
Brody, Nathan Stephen	New York City	Dudensing, Richard	New York City
Brunner, Leonard	New York City	Dumble, Wilson Randels	Marion, O.

Eccles, Henry Effingham	Flushing, N. Y.	Hall, George Berrian	New York City
Einstein, Nathaniel Silverstine	New York City	Hallock, Halford	Leonia, N. J.
Elkin, Jacob Henny	Huntington Station, N. Y.	Hambrecht, Albert John, Jr.	New York City
Endlich, Emanuel	Tarrytown, N. Y.	Hanssen, Ellif Carl	New York City
Epstein, Harry Herman	New York City	Harris, Samuel David	Stamford, N. Y.
Eremievsky, Sergey	New York City	Hart, Morgan Drake	Peekskill, N. Y.
Falk, Samuel Abraham	New York City	Hartung, Harold Cronkrite	New York City
Falkenburg, Neil Edgar	New York City	Haupt, George Alfred	Poughkeepsie, N. Y.
Feder, Arthur	New York City	Helier, Henry	New York City
Fein, Jacob Mitchell	New York City	Helmer, Harold Tousley	New York City
Feld, Joseph Meyer	New York City	Henderson, Frederick W.	New York City
Feldman, Charles	New York City	Herman, Donald Warner	Winsted, Conn.
Felitti, Vincent Justus	New York City	Hershhorn, Harry	New York City
Fendrych, Charles Otto, Jr.	New York City	Hildebrand, Edgar James	New York City
Finkelstein, David	New York City	Hill, Wallis Guido	Plandome, N. Y.
Finkelstein, Jack	Spring Valley, N. Y.	Hind, Cecil Martel	Ontario, Canada
Fischer, Bradley Marshall	New York City	Hirsch, Moses Herbert	New York City
Fitz Gibbon, Thomas O'Gorman	New York City	Hirschhorn, Louis	New York City
Flenniken, Warren Harvey, Jr.	New York City	Hisazumi, Hisakichi	Fukui City, Japan
	Winnsboro, S. C.	Hodes, James	New York City
Foland, John Philip, Jr.	New York City	Holslag, Russell Clark	New York City
Forsyth, Milton Joseph	New York City	Holtz, Edward	New York City
Forsyth, Ralph Patterson	New York City	Honsberger, Gordon McK.	Ontario, Canada
Fraden, William	New York City	Horan, Harold Joseph Taaffee	New York City
Franciscus, Alfred	New York City	Horowitz, Herman	New York City
Frank, Samuel	New York City	Hossfeld, George John	New York City
Franklin, Sidney	New York City	Howard, Bob	New York City
Freiman, Milton Sidney	New York City	Hritz, John, Jr.	Hastings-on-Hudson, N. Y.
Fried, Harry	New York City	Huebner, Anton	New York City
Friedman, Ike	Akron, Ohio	Hulbert, Frederick Colt	New York City
Frowenfeld, Percy Morgan	New York City	Hughes, Harold Scott	Albany, N. Y.
Frumkes, Harry	Mountain Dale, N. Y.	Hurwitz, Harry	New York City
Gabe, Harry	New York City	Illidge, Robert Eugene	Corbett, Ore.
Gaetaniello, James	Mt. Kisco, N. Y.	Ives, Robert Milliard	New York City
Galewski, Conrad	New York City	Jackson, Henry Hull	New York City
Gallay, Sidney	New York City	Jacobs, Leo	New York City
Garrigus, Paul Newton	New York City	Jacobs, Moses	New York City
Gibson, Leon Andrew	Garden City, N. Y.	Jaeger, Henry	Rockville Center, N. Y.
Giet, George Robert	Mt. Vernon, N. Y.	Jamieson, Sanford Gilman	New York City
Glaser, Benjamin	New York City	Jampolsky, Abraham	New York City
Glassgold, George	Woodridge, N. Y.	Jané, José Nicholas	New York City
Glassman, Morris Leon	New York City	Jenchol, Samuel	New York City
Gluck, Milton	New York City	Johnson, Allen Hathaway	Pelham, N. Y.
Goldwater, Henry Arnold	New York City	Johnson, John Howard	New York City
Goode, John Cardozo	New York City	Jones, Ernest Wallace	Yonkers, N. Y.
Goodfriend, Irving	Scranton, Pa.	Kadushin, Matthew	New York City
Gottlieb, Bertram	Huntington, N. Y.	Kahn, Laurence Arthur	New York City
Greenberg, Bernard Richard	New York City	Kamber, Robert, Jr.	New York City
Greenberg, Jacob Abraham	New York City	Kamil, Morton	New York City
Greenfest, Max	New York City	Kammerer, Charles Francis	White Plains, N. Y.
Greenhall, Armand Lawrence	New York City	Kaplan, Nathaniel	New York City
Greenstein, Louis	New York City	Katz, Felix Weinberg	Kingston, N. Y.
Grimshaw, Elliott	New York City	Katzenstein, Miles	Mt. Vernon, N. Y.
Grumbacker, Walter	New York City	Keats, George	Marlton, N. J.
Gustavson, Harold Gustav	New York City	Keierleber, John	Tyndall, S. D.
Hadden, Alexander	New York City	Kemerer, Morgan Uhl	New York City
Hahn, William Horace	New York City	Kerr, Ralph Waldo Emerson	New York City
Hale, Robert Lloyd	Canton, N. Y.	Kienninger, John Frederick	New York City
		Kilinski, Edward A.	New York City

King, Solomon Edward	New York City	Maisel, Fred	New York City
Kirschheimer, Sydney Milton	New York City	Malich, Abraham	New York City
Kirschenmann, John Jacob	New York City	Maltz, Max	New York City
Kitzinger, Richard Carr	New York City	Man, Albon Platt, Jr.	Richmond Hill, N. Y.
Klein, Marcus	New York City	Maneson, Abraham Samuel	New York City
Kliatschco, Mark Gordon	New York City	Marchetti, John Mario	New York City
Knickerbocker, John Howard	New York City	Marchetti, Joseph Anthony	New York City
Koch, Arnold Theodor	New York City	Markel, Howard	New York City
Kohlhepp, Adam John	New York City	Markham, Virgil	New York City
Kohn, Herbert Robert	New York City	Marks, Jerome Alexander	New York City
Kontax, Niketas	New York City	Martin, Herbert Francis	Sea Cliff, N. Y.
Korn, Herman Raymond	New York City	Matshak, Richard Philip	New York City
Kowolsky, Joseph	New York City	Mayer, Seymour Willard	New Rochelle, N. Y.
Kriegsman, Harry	New York City	Mayers, Hyman Leonard	New York City
Kuhn, Bernard Edwin	Vincennes, Ind.	Meisels, Raphael	Fayetteville, N. C.
Kuklin, Norman	New York City	Memmott, James MacDonald	New York City
Laguardia, Hector	New York City	Mendes, Samuel Pereira	New York City
Lambert, Ronald John	New York City	Mesnard, André	New York City
Landau, Lester Allan	New York City	Messe, Israel	New York City
Landesberg, Jack	New York City	Meyerson, Meyer Avidon	New York City
Langdon, John	New York City	Michaelis, Alfred Moritz	New York City
Larison, William Kenneth	Glen Ridge, N. J.	Milbank, Vinton King	
Larter, H. Monroe	Newark, N. J.		Westhampton Beach, N. Y.
Lascoff, Frederick Dudley	New York City	Milder, Maurice	New York City
Laskey, Ala Brown	New York City	Miller, Roswell Denton	Roslyn Heights, N. Y.
Lawson, Alfred	Sea Cliff, N. Y.	Mills, Allan Buxton	New York City
Leers, Frank Adolph	Bogota, N. J.	Miodownik, Albert	New York City
LeFevre, Wilson Foss	Kingston, N. Y.	Morgan, Waller Vincent	Mt. Vernon, N. Y.
Leibel, Emanuel Samuel	New York City	Morton, Edmund	New York City
Lemelson, Lemuel	New York City	Moskowitz, Joseph Louis	New York City
Levine, Leonard	New York City	Movitz, James H.	Birmingham, Ala.
Levine, Max	Chestnut Hill, Conn.	Mulinos, Michael George	New York City
Levites, Maurice	New York City	Murphy, George Redvers	Elmira, N. Y.
Levitt, Arthur	New York City	Nagelberg, Paul	New York City
Levy, Julius	New York City	Nelsenius, Nelson E.	New York City
Lewis, Paul Saxton	Atlanta, Ga.	Nelson, Philip H.	Buffalo, N. Y.
Lewy, Sydney Sylvester	Arverne, N. Y.	Netter, George Edward	New York City
Liccione, Manlio Michele	Mt. Vernon, N. Y.	Nevin, Elliott James	New York City
Lieberman, David	New York City	Nichols, Edward Genung	New York City
Lieberman, Maxwell	New York City	Nichols, Howard Breese	Yonkers, N. Y.
Lieberman, Nathan	New York City	Nichols, John Macdonald	Hempstead, N. Y.
Lienhardt, Winfield Schley	New York City	Noorigan, Peniamik	New York City
Linder, Harold Francis	New York City	North, William	New York City
Lingane, Richard Joseph	West Orange, N. J.	Nye, Roswell Howard	Sagamore, Mass.
Lipsky, Alexander	New York City	Obermeyer, Henry Ernest	Mt. Vernon, N. Y.
Liuni, Frank	Woodhaven, N. Y.	O'Rourke, Michael Joseph	Lynbrook, N. Y.
Loehr, John Edgar	Yonkers, N. Y.	Partridge, Mason Harry	New York City
Longman, Walter Niblo	New York City	Patterson, John Duncan	Fresno, Cal.
Lowenkopf, Harry J.	New York City	Pecker, Morris Emanuel	New York City
Lubetkin, Irving	New York City	Penn, Albert Nathaniel	New York City
Lutze, Frederick Henry	New York City	Peper, John Lewis	New York City
Lyall, Douglas Creswell	Montreal, Canada	Perla, David	New York City
McAlpine, George Lodowick, Jr.	New York City	Petruzzi, Hugo Richard	Bronxville, N. Y.
McCarthy, Charles Joseph	New York City	Pickering, James Sayre	East Orange, N. J.
McEvoy, James Joseph	Hudson, N. Y.	Pierce, Edward Tennant	Hawthorne, N. Y.
McKnight, Nicholas McDowell		Pietaro, Michael James	New York City
	Rutherford, N. J.	Pile, Robert Francis	New York City
	New York City	Pinto, Joseph A. J.	Oswego, N. Y.
Macy, George Jesse	New York City	Pisani, Arnold	New York City
Maduro, Philip Eder	New York City		

Popovich, Theodore	New York City	Shelley, Robert	New York City
Popper, Louis Emil	New York City	Sherman, Jacob Theodore	New York City
Potter, Russell Franklyn	New York City	Sherman, Samuel	New York City
Preger, Samuel	Plainfield, N. J.	Shoor, William Karl	Hartford, Conn.
Prigohzy, Adolph	New York City	Silbersweig, Isadore	New York City
Prime, Ralph Earl	Yonkers, N. Y.	Silverstone, Abraham Jacob	New York City
Prosser, Roger Derby	Englewood, N. J.	Simerman, Isidor	New York City
Rain, Burton Lorenz	New York City	Singer, Henry George	New York City
Rairden, Albert Stuart	Quebec, Canada	Slafkes, Max	New York City
Reich, Sidney	New York City	Sloat, Aaron	New York City
Reich, Sidney William	New York City	Smith, Alfredo Richmond	New York City
Relyea, Harold	Oneonta, N. Y.	Smith, Frederick Stump	New York City
Rentner, Ira S.	New York City	Snow, William	New York City
Riccio, Peter Michael	New York City	Soff, LeRoy Davenport	New York City
Roberts, Edwin Barnes	Pelham, N. Y.	Sokolofsky, Solomon	New York City
Roberts, Llewellyn Barnes	Pelham, N. Y.	Sourasky, Maurice	New York City
Robertson, Cameron Albro	New York City	Sproul, Harold Chester	Passaic, N. J.
Rockefeller, John Daniel	Deal Beach, N. J.	Sprung, Charles	New York City
Roethlisberger, Fritz Jules	New York City	Stark, Alexander	Passaic, N. J.
Rohman, Samuel	New York City	Stelle, Edward Taylor, Jr.	Kingston, N. Y.
Rosen, Leo	New York City	Steuterman, Harry John	Memphis, Tenn.
Rosenbaum, Samuel H.	New York City	Stewart, Alvin William	New York City
Rosenblum, Isadore	Hartford, Conn.	Stewart, Leslie Dryden	Mt. Vernon, N. Y.
Rosenfeld, Samuel	New York City	Stewart, William Robert, 2nd	New York City
Ross, Mayer Edel	New York City	Stoloff, Emile Gordon	New York City
Rothbard, Samuel	Newark, N. J.	Stone, Lyman Casper	New York City
Rotkowitz, Sidney	New York City	Strauss, Norman	New York City
Rozoff, Benjamin	Upper Montclair, N. J.	Sylvester, Charles Lincoln	New York City
Rubenstein, Joseph	New York City	Tanner, James Frederick	Denver, Col.
Ruffolo, Anthony Peter	New York City	Taran, Nathaniel R.	Manchester, N. H.
Sadowsky, Solomon Robert	New York City	Tarnower, Charles Maurice	New York City
Saffer, William	New York City	Taubin, Solomon	New York City
Safowitz, Charles	New York City	Taylor, Ermond Albert	New York City
Sager, William	New York City	Tellman, Daniel Hayman	Patchogue, N. Y.
Salinger, Benjamin David	New York City	Thomas, Frank Hollis	Woodhaven, N. Y.
Salmon, Louis Joseph Aloysius	New York City	Thomson, Arthur Kennard	Yonkers, N. Y.
Sarno, Robert Alphonse	New York City	Tietjen, Herbert	New York City
Saul, Leon Joseph	New York City	Tishman, Jack Arthur	New York City
Scalise, Anthony Joseph	New York City	Todes, Charles (H)	New York City
Schachter, Simon	New York City	Tripp, William Anthony	New York City
Schaeffer, Adolph	New York City	Turner, Jacob Hyman Bernard	New York City
Schaffer, Harry Mitchell	Schenectady, N. Y.	Ullman, Jerome Melville	New York City
Scheutzow, George Albert	Oswego, N. Y.	Ullman, Max	New York City
Schiff, Isidor	New York City	Uris, Percy Erskine	New York City
Schilt, Vernon	Port Chester, N. Y.	VanderWoude, Herbert	New York City
Schindler, Harold	New York City	Vasiliadis, Constandine N.	Artaki, Turquie d'Asia
Schmitt, Jacob Francis	New York City	Vincent, Wade Hampton	New York City
Schorsch, Nathan	New York City	Wagman, William	New York City
Schrier, Herman	New York City	Waldecker, Sydney Clarence	New York City
Schulman, Walter Harris	New York City	Waldman, Richard	Jersey City, N. J.
Schwartz, Nathan	New York City	Walker, Arthur Lucian, Jr.	New York City
Schwetsky, Samuel Harold	New York City	Walton, John Moore	Augusta, Ga.
Scimeca, Frank Stanislaus	New York City	Walton, Stephen George	New York City
Seeley, Robert Charles	West Hampton Beach, N. Y.	Warshawsky, Samuel	New York City
Senecoff, Isaac Howard	New York City	Waterbury, Russell Albert	White Plains, N. Y.
Shapiro, Leonard	New York City	Watts, Richard, Jr.	New York City
Shefkowitz, Herman D.	New York City	Wechsler, Abraham F.	New York City
Sheftel, Julius	New York City	Weiler, Merrill Grant, Jr.	New York City

Weill, David Andrew	New York City	McGuffy, Kingsland Drake	Hartford, Conn.
Weiner, Maurice	Hartford, Conn.	Meeks, Nelson Place	Yonkers, N. Y.
Weingart, Robert Arthur	New York City	Phillips, Leonard Gregory	New York City
Weinstock, Harry Irving	New York City	Poloweski, David	New York City
Weintraub, Sidney	Peekskill, N. Y.	Salazar, Raul Antonio	Buenos Aires, Argentina
Weiss, Mortimer Harold	Newark, N. J.	Schanke, William George	Mason City, Iowa
Weitzman, Joseph	New York City	Shea, Harold Conron	New York City
Weltz, Samuel	New York City	Simon, Charles Sigmund	New York City
West, Robert Nias	New York City	Singer, Robert	New York City
Wettels, Louis Seymour	New York City	Stein, John	Newark, N. J.
Wieser, Benjamin	New York City	Stevenson, Artie Cleveland	Bradford, Pa.
Wiggins, Harry Howard	Floral Park, N. Y.	Tannenbaum, Frank (H)	Bayonne, N. J.
Wildberg, Jack, Jr.	New York City	Twiss, John Russell	New York City
Wilensky, Nathan William	New York City	Van Buskirk, Richard C.	Butte, Mont.
Wilks, Hammil Vincent	New York City	Wallnapp, William Francis	New York City
Winkelstein, Oscar Louis	New York City	Waring, Pinckney Alston, Jr.	New York City
Winner, Percival Horace	New York City	Yip, Ling Hoi	Hongkong, China
Woentig, Paul Edward	New York City	Zilboorg, James M.	New York City
Wolf, Ralph	New York City	Zneimer, Edward Anthony	Newark, N. J.
Wolff, Fritz Gustav	New York City		
Wolff, Max Jacob	Worcester, Mass.		
Wyckoff, Alexander	Leonia, N. J.		
Yaeger, Louis	New York City		
Yue, David Chinsurk	Maui, Hawaii		
Zellar, George	Harrison, N. Y.		
Zeuner, Frederick H.	Hastings-on-Hudson		
Zock, Joseph Anthony John	New York City		
Zucker, Saul Joseph	Newark, N. J.		
Zweighaft, James Fablan	New York City		

## CANDIDATES

## SUMMARY

Candidates for degree:

Seniors	207
Juniors	219
Sophomores	363
Freshmen	479
Non-matriculantes	47
Total	1315

## NON-MATRICULATED STUDENTS

Astrom, Algot	New York City
Bailey, Egbert James	Orange, N. J.
Baird, William Gordon	Shreveport, La.
Barger, Wilson	DeGraff, O.
Beralzheimer, Henry	Tarrytown, N. Y.
Blackmore, Robert Bruce	Casper, Wyo.
Chaput, Girard Raoul	Holyoke, Mass.
Collins, John	Lawrence, Mass.
Dettloff, Adolph	New York City
Donahue, William Lawrence	New York City
Donovan, Arthur Bland	Concord, N. H.
Eordan, Hadji Popove	New York City
Felshin, Max	New York City
Ferguson, W. Paul	New York City
Finlay, Sidney Joseph	Mt. Vernon, N. Y.
Foyles, Edward John	Rutland, Vt.
Gaudin, Max Antoine Charles	New York City
Glenn, Paul Burke	Fort Worth, Tex.
Glennie, Alexander Cowles	Newark, N. J.
Hamilton, Edward Pierpont	Two Rivers, Wis.
Hopkins, George Stewart	New York City
Joffe, Robert	Woodbine, N. J.
Katz, Mordecai	New York City
Kinney, Wesley Alger	Amherst, Mass.
Larios, Manuel, Guatemala City,	Central America
Li, Tao Kai	Hunan, China
Lieberman, Herman Matia	New York City
Luber, John	New York City

UNCLASSIFIED STUDENTS IN THE  
GRADUATE SCHOOLS

Agramonte, Esperanza Villalon	New York City
Aoki, Senji	Kiriu, Japan
Asensio, Jose Manuel	West Point, N. Y.
A.B., Sevilla	
Aziz, Abdul	Lahore, India
Baettonhausson, Theodore	New York City
Baker, Georgie Brock	Macon, Ga.
A.B., Wesleyan, 1917	
Baker, Helen B.	New York City
A.B., Vassar, 1889	
Baldwin, Elizabeth Marcia	Newark, N. J.
Barnes Albert Coombs	
Merion, Montgomery Co., Pa.	
M.D., Pennsylvania Univ., 1892	
Beer, Ethel Sophia	New York City
Bell, Frances M.	Columbus, Miss.
A.B., Virginia, 1908	
Bryan, A. Marguerite	New York City
Budinoff, Ruth Edith	New York City
Burton, Henry Barton	
Port-of-Spain, Trinidad, B. W. I.	
A.B., Lincoln, 1916	
Cano, Juan Arenas	New York City
A.B., Univ. Pontificia, Spain, 1909	
Carey, 3rd., Stephen Williams	West Orange, N. J.
Carr, Ray Everett	South Bend, Ind.
Cassidy, Perlina Sizer	New York City

Chessington, Pillie Glover	Thermopolis, Wyo.	Opper, Emily Marvin	New York City
A.B., Tabor, 1893		Parsons, Llewellyn L.	New York City
Christie, Annie May	Decatur, Ga.	Pasvolsky, Flora	Bergenfield, N. J.
A.B., Brenan, 1911		Perrine, Edith L.	Orange, N. J.
Coleman, Mary Bushnell (Mrs.)	Louisville, Ky.	Prenez, Blanche	New York City
del Valle, Lucretia Louise	New York City	Quincy-Smith, Dorothy	New York City
de Moraes, Vicente Ferrena	New York City	Remond, Constance Suzanne	Mamaroneck, N.Y.
De Pue, Elva	San Francisco, Cal.	Rhoades, Mabel Carter	Syracuse, N. Y.
Dickerson, Ellen Janes	Birmingham, Ala.	Ph.B., Syracuse, 1898; Ph.M., 1903; Ph.D.,	
Dickey, Emilie	Musella, Ga.	Chicago, 1906	
A.B., Salem, 1917		Roever, Anita Hodgson	New York City
Durant, William James (Mrs.)	New York City	Ryan, Kathryn White	Denver, Colo.
Ehrich, Jules S.	New York City	Saxlund, Sigurd	New York City
Ehrich, Jules S. (Mrs.)	New York City	Schafer, Mildred Straus (Mrs.)	New York City
Einstein, Marion Judith	New York City	Seed, Lucille Beatrice	Detroit, Mich.
Faller, Jacob	New York City	Seidensticker, Clara	South Orange, N. J.
Fisher, James Ernest	Millersburg, Ky.	Shaler, Florence S.	New York City
A.B., Emory & Henry, 1911		Shiomi, Kiyoshi	Tamba, Japan
Fletcher, Eva Marguerite	Jersey City, N. J.	LL.B., Doshisha, 1916	
Floresh, Mary Frances	Nashville, Tenn.	Shirley, Jenny Lind Ruebush (Mrs.)	Dayton, Va.
Forbes, Arabel Fellows	New York City	Smith, Dorothea B.	St. Albans, Vt.
Gallinger, Herbert P.	Amherst, Mass.	Smith, Mary Hardy	New York City
A.B., Amherst, 1893; Ph.D., Leipzig, 1898.		Sorchan, Charlotte Hunneweld	New York City
Goto, Ichizo	Tokio, Japan	Spettigue, Everett Venner	Honesdale, Pa.
A.B., Peer's School, 1916.		A.B., St. Stephens, 1908	
Hall, Elizabeth Leary	New York City	Spielman, Charles Augustus	Cleveland, O.
A.B., Woman's College, (Ala.) 1917		Stiefel, Hortense H.	New York City
Hammarstrand, Anne Moran	New York City	Sullivan, Catherine	Anderson, S. C.
Held, Paul	New York City	A.B., Anderson, 1916	
Herbert, Edres	New York City	Takagi, Shigeru	Fukuoka, Japan
Hernandez, Jose G.	Caracas, Venezuela	Takei, Daisake	Tokio, Japan
Hillquit, Nina Eugenia	New York City	Teurbe-Tolon, Ruben	Havana, Cuba
Housman, Ida Emily	Hoboken, N. J.	B.S., Havana, 1911	
Ickler, Caroline Scott	Detroit, Mich.	Trachtenberg, Rosalind Edith (Mrs.)	
A.B., Vassar, 1917			New York City
Jackson, Antoinette Harlan	Cincinnati, O.	Tsen, Tseng Hsien	New York City
Jones, Louise Elizabeth	New York City	M.D., St. John's, 1914;	
Jones, Wilcie Dickerson	Birmingham, Ala.	M.D., Harvard Medical, 1914	
Kenichi, Abe	Kyoto, Japan	Uecke, Claire Henrietta	Honolulu, H. I.
A.B., Waseda, 1912		Untermeyer, Louise	New York City
Kimura, Toyokichi	Tokio, Japan	Untermeyer, M.	New York City
Kulakowski, Bronislaw Dominik	Warsaw, Poland	Varbedian, Samuel Sarkis	New York City
Lance de Parenty, Emma	New York City	Vassardakis, Euthalie C.	Samos, Greece
Ligo, Ida Louise	Volant, Pa.	A.B., Tappion, Turkey, 1914	
A.B., Westminster, 1915		Vonider, Jose Fernandez	Madrid, Spain
LITTLE, Fanny	New York City	Ph.D., Madrid, 1914	
Lord, Sarah Wallace (Mrs.)	Los Angeles, Cal.	von Wiegand, Charmion Esther	New York City
McMahon, Harry A.	New York City	Washburn, Martha Lucile	Sturgeon Bay, Wis.
MacDowell, Wanda May	Pelham Manor, N.Y.	A.B., Univ. of Wis., 1907	
Mansoni, Maude Minnie	New York City	Washburn, Olive Alden	New York City
Mantz, Mabel Davidson	New York City	Weinberg, David E.	Atlantic City, N. J.
Martinez, Beatriz	Rio Piedras, Porto Rico	Ph.G., Brooklyn Coll. of Pharmacy, 1917	
Matsumoto, Kozo	Tokio, Japan	Wolf, Blanche F.	New York City
Mohr, Otto Louis, M. D.	New York City	Yasubumi, Fukasaku	Tokio, Japan
Moore, Nell	New York City	Ph.D., Tokio Univ., 1909	
Moral, Joseph Davis	Guayaquil, Ecuador	Yuk-luen, Lo	Canton, China
A.B., Rocafuerte, 1905; M.D., Phys. & Surg., Guayaquil, 1912		M.D., Canton Medical Coll., 1911	
Mori, Kenkichi	Kegashima, Japan	SUMMARY	
		Total unclassified students.....	107

# REGISTER OF STUDENTS

## SCHOOL OF LAW

### GRADUATE STUDENTS—CANDIDATES FOR THE DEGREE OF MASTER OF LAWS

Becker, Louis <sup>a</sup>	New York City
LL.B., Columbia, 1917; M. A., 1898; Ph.B., N. Y. Univ., 1896	
King, Wunsz	Chekiang, China
LL.B., Pei-yang Univ., 1915	
Kno, Yun-Kuan	Wenchow, China
LL.B., Pei-yang Univ., 1915	
Lee, Burton H.	New Haven, Conn.
A.B., Yale, 1902	
Malda, Luis A.	Mexico City, Mexico
Mexico City School of Law, 1902	
Yparra, Pascual Lima	Puebla, Mexico
Jurisprudence School, Mexico City, 1899	
Yen, Shu-Tang	Ting-Shian, China
A.B., Provincial Coll., Chihli Province, 1911;	
LL.B., Pei-yang Univ., 1915	

### THIRD YEAR—CLASS OF 1918

Adikes, James Martin	New York City
B.A., St. Francis Xavier, 1913	
Bancroft, Richard	Wellesley, Mass.
A.B., Amherst, 1915	
Bangs, Frederick C.	Groton, N. Y.
A.B., Yale, 1913	
Berick, Morris	Cleveland, O.
A.B., Columbia, 1916	
Bernays, Murray C.	New York City
A.B., Harvard, 1915	
Bierschenk, William	New York City
A.B., Columbia, 1916	
Black, Douglas MacCrae	New York City
A.B., Columbia, 1916	
Brosnan, Lorenz Joseph	New York City
A.B., Manhattan, 1915	
Bucci, Nicholas	New York City
A.B., Columbia, 1916	
Buchanan, Oswald Clayton	Corning, N. Y.
A.B., Colgate, 1914	
Cunningham, William Dickson	New York City
A.B., Yale, 1915	
Ernst, George Goodman	New York City
A.B., Williams, 1915	
Evans, Daniel Harold	New York City
A.B., Trinity Coll. (Conn.) 1915	
Forster, Walter F. L.	New York City
B.S., Columbia, 1915	

Goertner, Francis Barnes	New York City
A.B., Harvard, 1915	
Grant, David Elias	Abiquin, N. Mex.
A.B., C. C. N. Y., 1913	
Gray, Thomas Joseph	New York City
A.B., Manhattan, 1915	
Israel, Joseph Leon	Birmingham, Ala.
A.B., Univ. of Alabama, 1915	
Jayne, Lester Hand	East Setauket, N. Y.
Cornell Univ.	
Jones, Stephen Arnold Douglas	Hazard, Ky.
Transylvania Univ., Central Univ.	
Kahn, Charles L.	New York City
B.S., Columbia, 1916	
Kalenderian, Vahan H.	Egiu, Armenia
A.B., Dartmouth, 1914	
Kaneko, Giu Jiro	Tokio, Japan
Springfield Y.M.C.A., Coll., B.H., 1912	
Kashden, Harlan Aaron	New York City
A.B., Columbia, 1916	
Klausner, David Maurice	Jersey City, N. J.
A.B., Columbia, 1916	
Knox, John Paige	New York City
Columbia Coll.	
Lee, Frederic P.	Rutherford, N. J.
Ph.B., Hamilton 1915; M.A., Columbia, 1917	
Levine, Isadore Baer	New York City
A.B., Columbia, 1915	
Levinsohn, Edwin	New York City
C. C. N. Y.	
Levy, John Hezekiah	New York City
A.B., Univ. of Cal., 1915; M.A., 1916	
Loomis, John U.	Omaha, Neb.
A.B., Dartmouth, 1915	
McCallum, Kenneth Lee	New York City
B.S., Columbia, 1916	
Mason, William Pitt, Jr.	Troy, N. Y.
Williams Coll.	
Messing, Arthur Joseph	New York City
A.B., Columbia, 1916	
Meyerson, Oscar Lloyd	New York City
A.B., C. C. N. Y., 1915	
Mulvey, Vincent John	Geneva, N. Y.
A.B., Syracuse, 1915	
Neuman, Mortimer	New York City
A.B., C. C. N. Y., 1915	
Nichols, Herman Ellis	New York City
A.B., Oberlin, 1915	

Obre, Arthur Lippincott	Rhinebeck, N. Y.	Dunn, Arthur Charles	Paterson, N. J.
A.B., Cornell, 1915		A.B., Princeton, 1916	
Ostrow, Emanuel M.	New York City	Edelman, Irvin Alfred	New York City
A.B., Cornell, 1915		B.S., N. Y. Univ., 1917	
Pels, Herbert	New York City	English, Ehlers Wendell	Des Moines, Ia.
B.S., C. C. N. Y., 1915		B.S., Drake Univ., 1917	
Pike, Morris E.	New York City	Ewers, Carle Percy	New York City
A.B., N. Y. Univ., 1915		A.B., Columbia, 1917	
Ricciardi, Alfred	New York City	Finkelhor, Herbert Ralph	New York City
A.B., Cornell, 1916		A.B., University of Pittsburgh, 1916	
Schoenzeit, Emanuel	New York City	Foley, Vern Roscoe	Rock Rapids, Ia.
A.B., Columbia, 1916		A.B., State Univ., of Iowa, 1915	
Schulman, Jacob John	New York City	Gold, George	Paterson, N. J.
A.B., C. C. N. Y., 1916		N. Y. Univ., Columbia Coll.	
Shattuck, Burtis Britton Hunt	Boulder, Colo.	Gorman, William Francis	Nutley, N. J.
A.B., Univ. of Colorado, 1915		Columbia Coll.	
Sherpick, Eugene Arthur	New York City	Grosscup, Ben C.	Tacoma, Wash.
A.B., Columbia, 1916		Columbia Coll.	
Spencer, Byron	St. Joseph, Mo.	Hirshfield, Ira Wilson	New York City
A.B., Univ. of Missouri, 1915		A.B., Columbia, 1917	
Spingarn, Samuel	West Hoboken, N. J.	Huffman, Russell H.	Lapel, Ind.
A.B., Columbia, 1916		A.B., Wabash Coll., 1912	
Stinson, Joseph Whitla	Garden City, N. Y.	Jacobs, Avrom Myer	Albany, N. Y.
B.S., in Arch., Columbia, 1906; C.E., 1907		A.B., Union, 1916	
Weiss, Julius	New York City	Jame, Joseph	New York City
A.B., C. C. N. Y., 1915		A.B., N. Y. Univ., 1916	
Williams, Robert Blackwood	Summit, N. J.	Kahn, Henry Rodger	New York City
A.B., Princeton, 1914		A.B., Columbia, 1917	
Wolowitz, Abraham C.	New York City	Kane, Ralph F.	New York City
B.S., C. C. N. Y., 1915		A.B., Columbia, 1916	
Worthington, Jos. Edw., Jr.	E. Orange, N. J.	Kline, James Steele	Huntingdon, Pa.
A.B., Williams, 1914		A.B., Juniata Coll., 1916	
Youngwood, Gabriel S.	New York City	Leerbuerger, Benedict A.	New York City
A.B., C. C. N. Y., 1915		B.S., Columbia, 1917	
Zoellner, Herbert William	Deadwood, S. Dak.	Lehmayer, Sylvan, Jr.	New York City
A.B., Columbia, 1916		A.B., Harvard, 1916	

## SECOND YEAR—CLASS OF 1919

Abrahams, Morton	New York City
A.B., C. C. N. Y., 1916	
Alzamora, Isaac, Jr.	New York City
A.B., Columbia, 1917	
Beren, Carl Mendell	Parkersburg, W. Va.
A.B., Marietta Coll., 1916	
Berger, Samuel	Rochester, N. Y.
A.B., Univ. of Rochester, 1917	
Black, Forrest Revere	Tiffin, O.
A.B., Univ. of Wisconsin, 1916	
Bolowicz, Felix W.	Plymouth, Pa.
A.B., Dickinson, 1917	
Braun, Christian William	Paterson, N. J.
Litt.B., Rutgers, 1916	
Buland, George Leonard	Castle Rock, Wash.
A.B., Reed Coll., 1916	
Cohn, Paul Louis	Springfield, Mass.
A.B., Harvard, 1912	
Drescher, Charles	New York City
C. C. N. Y.	



Martin, Charles Emanuel Santa Ana, Cal.  
B.L., Univ. of Cal., 1914; M.A., 1916

Moskowitz, Morris A. New York City  
A.B., C. C. N. Y., 1916

Newman, Jerome A. New York City  
A.B., Columbia, 1917

Nichols, George Edward Newman, Ill.  
A.B., Yale, 1917

Orleans, Ilo Louis New York City  
A.B., Columbia, 1916

Reinheimer, Howard Emanuel New York City  
A.B., Columbia, 1917

Ricca, Anthony Jersey City, N. J.  
A.B., Princeton, 1915

Rosenberg, Julian D. New York City  
B.S., Columbia, 1917

Sager, Clarence L. Funkstown, Md.  
A.B., Washington and Lee Univ., 1914

Schwartz, Louis S. New York City  
C. C. N. Y.

Shepard, Royal Francis Newark, N. J.  
A.B., Columbia, 1917

Singer, Isidor Nathaniel New York City  
B.S., Columbia, 1917

Spier, Franklin New York City  
A.B., Columbia, 1917

Sternfeld, Milton Hymes Albany, N. Y.  
A.B., Union Coll., 1916

Sully, Wilberforce, Jr. New York City  
B.S., Dartmouth, 1916

Tappen, Clarence Muir Jersey City, N. J.  
A.B., Princeton, 1916

Tingley, Thomas Jay Roland Park, Md.  
A.B., Johns Hopkins, 1916

Towsley, Frank Hathaway Kingfield, Me.  
A.B., Tufts Coll., 1913

Van Cortlandt, Augustus, Jr. New York City  
A.B., Harvard, 1915

von Bermuth, Anton F. New York City  
Columbia Coll.

Waldron, John Wesley Hoboken, N. J.  
A.B., Columbia, 1916

Ward, Peter Thomas New York City  
A.B., Columbia, 1917

Warshow, Joseph New York City  
A.B., Columbia, 1917

Willis, Benjamin Albertson New York City  
Columbia Coll.

Winn, Milton New York City  
B.S., Columbia, 1917

Wood, Orville Wallace Dallas, Tex.  
A.B., Univ. of Texas, 1916

Wormser, Rene A. New York City  
B.S., Columbia, 1917

Yerkes, Harry A., Jr. New York City  
B.S., Columbia, 1917

Zeiger, Samuel New York City  
A.B., Columbia, 1917

## FIRST YEAR—CLASS OF 1920

Bartholomew, Donald De Vean Orange, N. J.  
A.B., Williams, 1917

Barto, Everett W. Ossining, N. Y.  
Senior in Columbia Coll.

Behr, Allison S. Amsterdam, N. Y.  
A.B., Union Coll., 1917

Berg, Maurice No. Petersburg, N. Y.  
Senior in Columbia Coll.

Bernstein, Philip Newark, N. J.  
C. C. N. Y.

Blum, Robert Jean Bellaire, O.  
Univ. of Michigan

Blutreich, Arthur Paul New York City  
C. C. N. Y.

Bowers, Frank Collis New York City  
Columbia Coll.

Bull, Clifton Benham, Jr. Yonkers, N. Y.  
Senior in Columbia Coll.

Burgunder, Bernard F. New York City  
A.B., Cornell, 1918

Carey, Homer Franklin Southington, Conn.  
A.B., Wesleyan Univ., 1915; M.A., 1916

Chang, Tse Zaung Shanghai, China  
Univ. of Cal.

Coates, Whitfield Clarke New York City  
Columbia Coll.

Collins, Harold Moorman Marion, Va.  
A.B., Washington and Lee Univ., 1914

Combs, Alvah Haff Columbia, N. C.  
B.A., Univ. of North Carolina, 1917

Decker, Malcolm Grove New York City  
Columbia Coll.

Del Bello, Sylvester William Yonkers, N. Y.  
A.B., Manhattan Coll., 1917

Dohm, John Christian New York City  
Senior in Columbia Coll.

Durst, Abraham Rahway, N. J.  
Senior in Columbia Coll.

Friedenberg, David West Hoboken, N. J.  
Senior in Columbia Coll.

Gibson, James Broderick Buffalo, N. Y.  
Senior in Columbia Coll.

Gluck, Edward New York City  
A.B., Columbia, 1917

Gordon, Horace Cadwell, Jr. Tampa, Fla.  
Univ. of Florida

Gottschall, Sylvan Hirshman Memphis, Tenn.  
A.B., Vanderbilt, 1917

Greenough, Geo. Bartlett Saranac Lake, N. Y.  
Senior in Columbia Coll.

Grusky, Henry Newburgh, N. Y.  
A.B., Yale, 1917

Halpin, John H. Potsdam, N. Y.  
Columbia Coll.

Hardy, Charles James, Jr. New York City  
A.B., Williams, 1917

Hays, Mortimer New York City  
C. C. N. Y.

Hennedinger, Charles Litt.B., Princeton, 1917	New York City	Schoenbrod, Edward Joseph Senior in Columbia Coll.	New York City
Herson, Charles Joseph A.B., C. C. N. Y., 1917	New York City	Schwanda, Charles Benedict Columbia Coll.	Chicago, Ill.
Hollander, Clifford Senior in Columbia Coll.	New York City	Sherwin, Sidney Alexander Senior in Columbia Coll.	New York City
Holzman, James Mayer A.B., Yale, 1917	New York City	Shulman, Herman B.S., Univ. of Alabama, 1917	Troy, Ala.
Hott, Jacob Horace A.B., Otterbein Coll., 1914	New York City	Silbert, Benjamin Franklin A.B., Baylor Univ., 1917	Dawson, Tex.
Hsu, Shih-Chen Litt.B., Princeton	Foochow, China	Smith, Ronald Brinkerhoff Columbia Coll.	E. Orange, N. J.
Hummel, Adolph S. A.B., C. C. N. Y., 1917	New York City	Steiner, Harry Senior in Columbia Coll.	Newark, N. J.
Iturralde y Sischa, Rafael LL.D., Univ. of Havana, 1914	Matanzas, Cuba	Suchman, Harry A.B., C. C. N. Y., 1915	New York City
Kirsh, Benjamin S. Senior in Columbia Coll.	New York City	Supot, Auguste F. A.B., Dartmouth, 1917	Mt. Vernon, N. Y.
Konowitz, Mordecai C. C. N. Y.	New York City	Toombs, Francis Raye Senior in Columbia Coll.	New York City
Lobsenz, Meyer Senior in Columbia Coll.	Passaic, N. J.	Tornel, Carlos A. Natl. School of Jurisprudence, Mexico	New York City
McClumpha, Chas. Wesley Senior in Columbia Coll.	Amsterdam, N. Y.	Trachman, Herman I. A.B., C. C. N. Y., 1917	New York City
Mattison, Sidney Columbia Coll.	New York City	Vogel, Robert M. Columbia Coll.	Mt. Vernon, N. Y.
Meisterman, Samuel G. Senior in Columbia Coll.	Kearney, N. J.	Wang, Cheng M.A., Columbia, 1916	Niguta, China
Merritt, George Hunter Senior in Columbia Coll.	Newburgh, N. Y.	Weintraub, Paul Columbia Coll.	New York City
Nathan, Robert F. A.B., Univ. of South Carolina, 1917	New York City	Westerbeke, Wm. Henry Columbia Coll.	W. Sayville, N. Y.
Nayfack, Bertram S. Senior in Columbia Coll.	New York City	Williams, Clarence Dunn A.B., C. C. N. Y., 1917	New York City
Nixon, Frederick William Litt.B., Princeton, 1917	Orange, N. J.	Wolf, Robert Leopold A.B., Harvard, 1915	Palisade, N. J.
Ornstein, Israel Gilbert A.B., C. C. N. Y., 1917	New York City	Yankauer, Walter David Senior in Columbia Coll.	New York City
Pettit, Arthur Edwin A.B., Columbia, 1917	Stuttgart, Ark.		
Pines, Robert A. Senior in Columbia Coll.	New York City		
Probst, Nathan, Jr. Columbia Coll.	New York City		
Regan, Joseph Gerard Columbia Coll.	New York City		
Risner, E. Eaton A.B., Univ. of Tenn., 1915	Knoxville, Tenn.		
Revelson, Samuel M. Columbia Coll.	New York City		
Rosenblum, David Ingersoll Columbia Coll.	New York City		
Rudnick, Joseph C. C. N. Y.	New York City		
Russakow, Raphael Philip Senior in Columbia Coll.	Buffalo, N. Y.		
Samuelson, Norman Harold A.B., C. C. N. Y., 1917	New York City		

## NON-MATRICULATED STUDENTS

Bissell, Robinson Kinnaird A.B., Oberlin, 1915; A.M., 1916	Oberlin, O.
Bryson, Lyman Lloyd A.B., Univ. of Michigan, 1910; A.M., 1915	New York City
Carrigan, Leo John Univ. of Michigan	Lapeer, Mich.
Chittenden, Henry T. Univ. of Virginia	Washington, D. C.
Coronado, Jose Andres Licio de Costa Rica, C. P. A.	San Jose, Costa Rica, C.A.
Costosa, Raymundo LL.B., Detroit College of Law, 1914	Iloilo, Philippines
Czajka, Louis University of Lemberg, 1913	New York City
de la Cruz, Ramon Univ. of Havana, Doc. in Pub. and Civ. Law	Havana, Cuba
Gallagher, Arthur Gorman LL.B., Fordham Univ., 1916	New York City

Garcia, Fabian	Havana, Cuba	Rabasa, Oscar	New York City
B.L.S., Instituto de la Habana, 1914		LL.B., Univ. of Penn., 1917	
Glennan, William Shield	Norfolk, Va.	Rome, Sigmund Jacob	New York City
Univ. of Virginia		B.S., Teachers Coll., 1917	
Harlan, Elwood J.	New York City	Ross, Mayer Phineas	New York City
A.B., Columbia, 1908		A.B., Cornell, 1916	
Herman, Harry Grant	New York City	Silverstein, Samuel	Charleston, W. Va.
Columbia Coll.		LL.B., Washington and Lee, 1917	
Jacobia, Spencer Parkman	New York City	Sutt, Charles Porter	Louisville, Ky.
Katzenmeyer, C. Leonard	Vicksburg, Miss.	LL.B., Univ. of Louisville, 1917	
LL.B., Univ. of Mississippi, 1917		Trava, Jose	Yucatan, Mexico
Kline, James Morley	Johnstown, Pa.	Escuela de Jurisprudencia, 1907	
Litt.B., Princeton, 1915		Wolf, James Mandelbaum	Cleveland, O.
Laden, James E.	New York City	Harvard Coll.	
A.B., Manhattan, 1904; A.M., Columbia, '05		Zoline, Orrin Burns	New York City
Latkin, Samuel	Little Rock, Ark.	Univ. of Chicago	
LL.B., Univ. of Arkansas, 1915			
McLoughlin, William G.	Jersey City, N. J.		
LL.B., Columbia, 1911			
Martinez, Felix	Havana, Cuba		
Univ. of Habana, LL.D., 1906			
Miller, Ernest Raymond	Lake Charles, La.		
LL.B., Louisiana State Univ., 1917			
Mohr, William Robert	New York City		
B.C.S., N. Y. Univ., 1915			
Nicholson, Walter Curtis	New York City		
A.B., Colgate, 1906			
Papadopoulos, Theodore	New York City		
Univ. of Athens			

## SUMMARY

Graduate Students	7
Third Year—Class of 1918	56
Second Year—Class of 1919	68
First Year—Class of 1920	77
Non-Matriculated Students	32
	—
Total	240
Deduct Seniors in Columbia College	22
Net Total	218

# REGISTER OF STUDENTS

## SCHOOL OF MEDICINE

### FOURTH YEAR CLASS—1917-1918

#### CLASS 1918

Allen, Henry Dawson	Milledgeville, Ga.	Davis, George Hamilton	Wake Forest, N. C.
B.S., Univ. of Georgia, 1916		B.S., A.B., Wake Forest, 1914-1916	
Andrews, George Clinton, Jr.	Tarrytown, N. Y.	Dawson, George Millard	Denver, Colo.
A.B., Cornell, 1912		B.S., Columbia, 1914	
Appelbaum, Emanuel	New York City	Dinnerstein, Morris	New York City
A.B., Columbia, 1916		B.S., Columbia, 1916	
Babbott, Frank Lusk, Jr.	New York City	Dooman, David Stoddard	Yamada, Japan
A.B., Amherst, 1913		Felt, Walter Lawrence	Salt Lake City, Utah
Barnes, William James	Pittston, Pa.	B.S., Utah, 1914	
A.B., Hamilton College, 1914		Finkelstein, William	New York City
Barone, Melchisedech Alfred	Stamford, Conn.	Ph.C., Columbia, 1913	
B.S., Columbia, 1916		Finkle, Oscar George, Jr.	Bolton-on-Lake-George, N. Y.
Beam, Hugh Martin	Roxboro, N. C.	Finkle, Philip	New York City
A.B., A.M., B.S., 1912-13-17	Wake Forest	A.B., Columbia, 1916	
Bierhoff, Alan Frederic	New York City	Fischer, Henry Sall	New York City
A.B., Columbia, 1916		B.S., Columbia, 1916	
Brieant, Charles La Monte	Ossining, N. Y.	Flowers, Hiland Lee	New York City
B.S., Columbia, 1916		B.S., Columbia, 1916	
Browning, George Emmett	Ogden, Utah	Goldstein, Joseph	New York City
D.D.S., Chicago Col. of Dental Surgery		Ph.C., Columbia, 1914	
Bunzel, Ernest Everett	New York City	Goodchild, Franklin Myers	New York City
Litt.B., Princeton, 1914		B.S., Stetson Univ., 1914	
Campbell, William Edward, Jr.	Atlanta, Ga.	Gordon, Richard Emanuel	New York City
B.S., Univ. of Georgia		Gorsch, Rudolph Victor	New York City
Carter, Rupert Franklin	Apex, N. C.	A.B., N. Y. Univ., 1911	
B.S., Wake Forest, 1916		Granger, Leo Yearwood	Newark, N. J.
Cochran, George Gilfillan, Jr.	New York City	B.S., Dartmouth, 1916	
B.S., Columbia, 1916		Grosvenor, Robert	Providence, R. I.
Cochran, Joseph Plumb	Minneapolis, Minn.	Guldner, Rene Joseph	New York City
A.B., Williams, 1914		J.D., Strasbourg Univ., 1912	
Cohen, Morris	New York City	Halbert, Herbert Lynn	Corning, N. Y.
B.S., City College, 1912		B.S., Hobart, 1913	
Collentine, George Ernest	Monroe, Wis.	Hamilton, Charles Edward	New York City
B.S., Wisconsin, 1916		A.B., Columbia, 1916	
Cornish, Percy Gillette	Albuquerque, N. M.	Herrmann, Adolf Friedrich	Boelschnby-Schleswig-Holstein
A.B., Yale, 1914		Ph.D., Univ. of Kiel, 1908	
Crystal, Benjamin Herman	New York City	Heslin, William Francis, Jr.	New York City
Phar.C., Ph.G., Columbia, 1914		A.B., Fordham, 1913	
Currier, Gilman Sterling	New York City	Hirshfeld, Samuel	New York City
B.S., Columbia, 1916		Howkins, John Smallbrook	Savannah, Ga.
Cutler, Allen Riley, Jr.	Preston, Idaho	Howley, Clarence Payne	New York City
Daniels, John Horton	Minneapolis, Minn.	A.B., Fordham, 1914	
A.B., Minn., 1914		Hudson, Paul Lovejoy	Atlanta, Ga.
		Ill, Paul Haller	Newark, N. J.
		B.S., Princeton, 1914	
		Kramer, Rudolph	New York City
		B.S., C. C. N. Y., 1914	

Law, Donald Edward	Holyoke, Mass.	Richard, Edward Karl	New York City
A.B., Dartmouth, 1915		A.B., Columbia, 1915	
Lazerson, Morris	Rochester, N. Y.	Ritter, Isidore Sydney	New York City
A.B., Rochester, 1913		Ph.C., Ph.G., Columbia, 1914	
Lehman, Edward	Weston, W. Va.	Robbin, Lewis	Steelton, Pa.
A.B., Columbia, 1914		Ph.B., Lafayette, 1914	
Lester, Charles Willard	Saratoga Springs, N.Y.	Rosenzweig, Max	Kenoza Lake, N. Y.
A.B., Williams, 1914		Rubin, Henry Samuel	Bayonne, N. J.
Leve, Harold Robert	Rochester, N. Y.	B.S., Columbia, 1916	
A.B., Rochester, 1915		Schmalzried, Elmer William	La Gro, Ind.
Levine, Murry Herman	New York City	A.B., Northwestern Coll., 1911	
Ph.G., Ph.Ch., Columbia, 1914		Schoonover, Frank Sachett Jr.	
Luce, Hallock	Riverhead, N. Y.		Rochester, N. Y.
A.B., Amherst, 1914		B.S., Rochester, 1915	
MacLaire, Aaron Scott	New York City	Scott, James Ralph	New York City
Magna, Clamor Henry, Jr.	New York City	A.B., Yale, 1916	
Manheim, Sigmund	Newark, N. J.	Shepard, Lorrin Andrews	East Orange, N. J.
B.S., Princeton, 1914		A.B., Yale, 1914	
Manne, Alexander	New York City	Sheppard, Thomas Trovillo	Pittsburgh, Pa.
Medill, Wilbur Chapman	Steubenville, Ohio	A.B., Yale, 1914	
Mitchell, Ralph Wendell	Bedford, Ind.	Skidmore, Earl Lobark	Richmond, Utah
A.B., Indiana, 1914		Smith, Charles Adna	Texarkana, Tex.
Morris, S. Arthur	New York City	A.B., Missouri	
Ph.C., Columbia, 1911		Sobel, Nathan	New York City
Morris, William	New York City	Spencer, Frank Daniel	Salt Lake City, Utah
A.B., Columbia, 1916		B.S., Utah Agr. Coll., 1913	
Muehleke, George Ernest	Hoboken, N. J.	Stauffer, Fred Leaver	Salt Lake City, Utah
A.B., Princeton, 1914		B.S., Univ. of Utah	
Nauwer, Harry August	New York City	Steinhoff, Karl Ludwig	New York City
B.S., Columbia, 1916		A.B., C. C. N. Y., 1913	
Neagle, Alexander Hill	Elmira, N. Y.	Steinman, Isidore	New York City
A.B., Williams, 1912		Ph.Ch., Columbia, 1913	
Norris, William Jonathan	Prescott, Ariz.	Stephenson, Robert Abram	New York City
Ph.B., Yale S. S. S., 1915		Stuart, Harold Coe	New York City
Norton, James Francis	Jersey City, N. J.	Litt.B., Princeton, 1914	
A.B., A.M., St. Peter's Coll., 1914-1915		Sullivan, Eugene Shaw	Eau Claire, Wis.
Nussbaum, Sydney	New York City	Swayne, Samuel Arthur	Albuquerque, N. M.
B.S., C. C. N. Y., 1914		A.B., De Pauw Univ., 1913	
O'Dowd, John Joseph	New York City	Taylor, Frederick Richards	Provo, Utah
A.B., St. Francis Xavier, 1912		B.S., Utah, 1916	
Olsan, Ira Mortimer	Rochester, N. Y.	Tenoppyr, Ottokar	New York City
B.S., Rochester, 1914		B.S., Columbia, 1915	
O'Malley, Columbus Ambrose	Yonkers, N. Y.	Trischett, Samuel Seymour	New York City
A.B., Columbia, 1916		A.B., Columbia, 1916	
O'Malley, Thomas Stanley	Madison, Wis.	Watson, Richard Gwyn	Eugene, Ore.
B.S., Wisconsin, 1916		A.B., Oregon, 1914	
Orr, Frank Brock	Newnan, Ga.	Weber, John William	Cape Girardeau, Mo.
Pasachoff, Harry David	New York City	A.B., St. John's Coll., 1913	
Perkins, John Richard	Greenwich, Conn.	Weintraub, Sydney	New York City
A.B., Columbia, 1915		Weston, Clifford Grete	New York City
Pettengill, Frank Gordon	Amherst, N. H.	Wirklich, Harry William	New York City
B.S., Dartmouth, 1916		Ph.C., Columbia, 1914	
Pierson, Richard Norris	Stamford, Conn.	Wright, Elias Spencer	Salt Lake City, Utah
A.B., Princeton, 1914		B.S., Utah, 1916	
Potter, Philip Childs	New York City	Yeaton, William Levett, Jr.	Hoboken, N. J.
A.B., Williams, 1914		Ziegler, Jerome Martin	New York City
Quigley, Thomas Edward	Canandaigua, N. Y.	A.B., C. C. N. Y., 1914	
Rado, Henry Rudolph	Mt. Vernon, N. Y.		
B.S., Columbia, 1916			

THIRD YEAR CLASS—1917-1918		Davis, David Dexter		East Orange, N. J.
CLASS 1919		A.B., Dartmouth, 1916		
Alderman, Irving Sanders	New Haven, Conn.	Dickie, George Willard		Morristown, N. J.
Ph.B., Yale, 1913		Ph.G., Columbia, 1911		
Alling, Eric Lattimore	Rochester, N. Y.	Dinegar, Robert Henry Fales		New York City
B.S., Princeton, 1914		Donehue, Francis McGarvey		Whitehall, N. Y.
Almour, Ralph	New York City	B.S., Dartmouth, 1917		
Anderson, Elmer Lawrence	Goodwater, Mo.	Du Bois, Robert Ogden		New York City
B.S., Univ. of Missouri, 1912		A.B., Columbia, 1915		
Astrachan, Morris	Jamaica, N. Y.	Eagle, Max		New York City
A.B., Columbia, 1917		Ehrlich, David Ernest		New York City
Astrowe, Philip Stanley	New York City	A.B., Columbia, 1917		
B.S., C. C. N. Y., 1914		Eichner, Benjamin Bernard		New York City
Baldwin, Louis Chas. Beardslea	Florence, Italy	A.B., C. C. N. Y., 1915		
Litt.B., Princeton, 1915		England, Kay		Capitan, N. M.
Barach, Alvan Leroy	New York City	A.B., Young Harris Coll., 1914		
Barsky, Edward	New York City	Feinberg, Sydney Charles		New York City
A.B., Columbia, 1917		A.B., Columbia, 1916		
Baum, Samuel Meyerson	New York City	Frey, Walter Guernsey, Jr.		Astoria, L. I.
Baxter, Raymond Harding	Somerville, Mass.	A.B., Columbia, 1916		
B.S., Dartmouth, 1917		Fridenberg, Robert, Jr.		New York City
Beck, R. Donald	New York City	Furman, Martin Abraham		New York City
B.S., Columbia, 1916		A.B., C. C. N. Y., 1915		
Blaustein, Maurice	Yonkers, N. Y.	Garlock, John Harry		New York City
Bloor, Edwin Garfield	Oconomowoc, Wis.	Gilmore, Charles Marc		Cranford, N. J.
Blum, Karl Augustus	Orange, N. J.	B.S., Dartmouth, 1917		
B.S., Dartmouth, 1917		Gingold, Thomas Leverett		New Haven, Conn.
Breakstone, Raphael	New York City	A.B., Yale, 1916		
B.S., Columbia, 1917		Ginzburg, David		New York City
Bridges, Milton Arlanden	New York City	B.S., Columbia, 1917		
B.S., Columbia, 1915		Gliboff, Herman		New York City
Broun, Matthew Singleton	Wedgefield, S. C.	Goldberg, Simon Paul		New York City
A.B., Univ. of S. C., 1913		Goldblatt, David		New York City
Busch, Irving	New York City	Goldenberg, Robt. Kelmar		New Haven, Conn.
B.S., Columbia, 1917		Goldstein, Max Michael		New York City
Butler, Vincent de Paul	Jersey City, N. J.	Golembe, Harry		New York City
A.B., St. Peter's Coll., 1914		A.B., Columbia, 1917		
Campbell, Meredith Fairfax	Madison, Wis.	Goodfriend, Milton		New York City
B.S., M.S., Wisconsin, 1916, 1917		Gregor, David Gilbert		Watertown, N. Y.
Carpenter, Fred	Hartford, Conn.	A.B., Williams, 1915		
A.B., Trinity, 1915		Haggerty, Daniel Roger		Holyoke, Mass.
Cashman, George Augustin	New York City	B.S., Dartmouth, 1917		
A.B., St. Bonaventure's Coll., 1914		Haight, Vincent Wyman		Montrose, N. Y.
Chandler, Fremont Augustus	Waupaca, Wis.	B.S., Columbia, 1917		
B.S., Wisconsin, 1916		Hamilton, Harry Hayward		New York City
Chasan, Isaac	Maspeth, L. I.	A.B., Mount Allison, 1903		
B.S., Columbia, 1917		Harrison, Elake		New York City
Clarke, Edward Wight	Tenafly, N. J.	Harvey, Ralph		New Rochelle, N. Y.
B.S., Yale, 1915		Hayden, Edwin Parker		Hartford, Conn.
Cohen, Aaron	New York City	A.B., Dartmouth, 1916		
B.S., Columbia, 1917		Hebald, Selian		New York City
Cohen, David Burton	New Haven, Conn.	Heck, Edson Burr		Jersey City, N. J.
Cohen, Samuel Lewis	New York City	B.S., Princeton, 1913		
B.S., Columbia, 1916		Hetzel, Frederick Craft		Connellsville, Pa.
Coley, Bradley Lancaster	Sharon, Conn.	B.S., Pemia Coll., 1913		
A.B., Yale, 1915		Heyl, James Henry, Jr.		Columbus, Ohio
Dann, David Samuel	Detroit, Mich.	A.B., Yale, 1917		
B.S., Michigan, 1917		Hill, William Francis		Jersey City, N. J.
		B.S., Univ. of North Carolina		

- Hillman, Morris New Haven, Conn.  
Ph.B., Yale, 1915
- Hodges, Alfred Brownley Portsmouth, Va.  
A.B., Hampden-Sidney Coll., 1915
- Howard, James Wainwright Yonkers, N. Y.  
A.B., Yale, 1914
- Howell, James Ernest Rockingham, N. C.  
B.S., Wake Forest College, 1917
- Howell, John Taylor, Jr. Newburgh, N. Y.  
B.S., Union College, 1914
- Hughes, Frank Luckett Ashland, Va.  
A.B., A.M., Randolph Macon Coll., 1914, '15
- Hutchens, Don King Pulaski, N. Y.  
B.S., Union College, 1913
- Jackson, Arnold Stevens Madison, Wis.  
A.B., B.S., Wisconsin, 1916, 1917
- Jones, Joseph Lawrence Kansas City, Mo.  
B.S., Michigan, 1917
- Kassel, Morris New York City  
B.S., Columbia, 1917
- Kelly, Thomas Dennis New York City  
A.B., Manhattan College, 1914
- King, George New York City
- Klein, Sidney New York City  
B.S., Columbia, 1917
- Klingenstein, Percy New York City  
A.B., Columbia, 1917
- Knapp, Charles Stanley Greenwich, Conn.  
A.B., M.S., Colgate, 1914, 1915
- Labovitz, Nathaniel New Haven, Conn.  
Ph.B., Sheffield Scientific S., 1915
- Lake, Thomas Owens Oshkosh, Wis.  
B.S., Wisconsin, 1917
- Lawton, Shailer Upton Brattleboro, Vt.
- Leede, Horst Edward Hermann Tompkinsville, N. Y.  
Stapleton, N. Y.
- Lemelson, Julius Stapleton, N. Y.  
B.S., Columbia, 1917
- Leonardo, Richard Anthony Rochester, N. Y.
- Levin, Henry Yonkers, N. Y.
- Lewis, Kenneth Mark Short Hills, N. J.  
B.S., Columbia, 1917
- Liccione, Wm. Titus Marius Mt. Vernon, N. Y.  
A.B., Columbia, 1917
- Linden, Arthur Chester New York City
- Louria, Henry Walter New York City  
A.B., Columbia, 1916
- Luskin, Harold New York City
- Maynard, Edwin Post, Jr. New York City  
A.B., Williams, 1914
- Meyer, Herbert Willy New York City  
A.B., Columbia, 1916
- Mills, Samuel Wickham Middletown, N. Y.  
A.B., Yale, 1915
- Minsky, Henry New York City  
B.S., Columbia, 1917
- Moolten, Ralph Rembrandt New York City  
A.B., Columbia, 1917
- Mufson, Isidor New York City
- Murray, Henry Alexander, Jr. New York City  
A.B., Harvard, 1915
- Myers, Cortland, Jr. Boston, Mass.  
B.S., Dartmouth, 1917
- McCoy, Leslie Layton Evansville, Wis.  
B.S., Wisconsin, 1917
- McGraw, Arthur Butler Detroit, Mich.  
A.B., Yale, 1915
- Nemser, Rudolph William New York City
- Oberrender, Girard Franklin So. Orange, N. J.
- Olson, Henry John Beloit, Wis.  
B.S., Wisconsin, 1917
- Palinsky, Max New York City
- Pohlmann, Harry Francis Middletown, N. Y.  
B.S., Columbia, 1917
- Ponemon, Irving W. New York City  
B.S., Columbia, 1917
- Post, John James Palisade, N. J.  
A.B., Colgate, 1916
- Ransohoff, Nicholas Sigmund New York City  
B.S., Columbia, 1917
- Roberts, George Henry, Jr. Peekskill, N. Y.  
A.B., Columbia, 1916
- Robinson, Meyer Seymour New York City
- Sacharoff, Leo Samuel New York City  
B.S., Columbia, 1917
- Saxl, Newton Thomas New York City
- Schmitt, Roswell Lawrence Middletown, N. Y.  
B.S., Columbia, 1917
- Schulte, Herbert August Newark, N. J.  
A.B., Columbia, 1917
- Seaman, James Alpheus West Creek, N. J.
- Seldowitz, Morton New York City  
B.S., Columbia, 1917
- Shaw, Eliot Ashley Watertown, Mass.  
B.S., Dartmouth, 1916
- Sheranian, Herond N. Murray, Utah  
A.B., Utah Univ., 1917
- Sherburne, John, 2nd Amsterdam, N. Y.
- Shlevin, Edmund Lester New York City  
B.S., Columbia, 1917
- Siegel, Benjamin New York City
- Silver, Harry New Haven, Conn.  
Ph.B., S.S.S. Yale, 1915
- Stamatiades, Philip Emanuel Hanover, N. H.  
B.S., Dartmouth, 1916
- Sterman, Maximilian M. New York City
- Stickney, Robert Cole Beverley, Mass.  
B.S., Dartmouth, 1917
- Stier, Robert Frederick Sayreville, N. J.  
B.S., Rutgers, 1915
- Suer, Arthur New York City  
B.S., C. C. N. Y., 1913
- Swift, Walker Ely New York City  
A.B., Yale, 1915
- Tchor-Baj-Oglu, Erthimios Hara-Lambrides  
Kermira, in Cesarea, Asia Minor  
A.B. and M.D., Greek Gymnasium, 1894

Titshaw, Homer Scott	Hoschton, Ga.	Brown, Howard Wallace	Mt. Vernon, N. Y.
B.S., Georgia Univ., 1912		Bullard, Frank Marcus	Keene, N. H.
Todd, Ralph TenBroeck	Tarrytown, N. Y.	A.B., Harvard, 1916	
A.B., Rutgers Coll., 1915		Bullwinkel, Harry Griffin	New York City
Tower, Arthur Augustus	East Pepperell, Mass.	(C. U. Senior)	
A.B., Dartmouth, 1916		Busch, Lawrence Carl Victor	Elizabeth, N. J.
Twersky, Morris Boris	New York City	(C. U. Senior)	
Ph.Ch., Columbia, 1914		Cassasa, Alfred Bartholomew	New York City
von Emburgh, Geo. Henry, Jr.	Arlington, N. J.	Claydon, De Baun Peter	Mt. Vernon, N. Y.
B.S., Columbia, 1917		Connell, John Norman	Jersey City, N. J.
Walsh, Henry Victor	New York City	A.B., St. Peter's Coll., 1916	
A.B., Fordham, 1914		Croce, Joseph	New York City
Walsh, James Francis	Bridgeport, Conn.	De Bellis, Hannibal	New York City
Weissenborn, Henry Christian	New York City	De Muria, Ernest Harold	New York City
B.S., Columbia, 1917		(C. U. Senior)	
Welding, James Russell	Hillsdale, N. J.	Di Lorenzo, Costabile	New York City
Wilkinson, Henry Campbell	Hamilton, Bermuda	(C. U. Senior)	
A.B., Yale Univ., 1915		Donovan, Edward Jos.	Clifton Springs, N. Y.
Wise, Samuel H.	Astoria, Oregon	B.S., Hobart, 1917	
Wurzbach, Frederick Alfred	New York City	Fierstein, Jacob	New York City
B.S., Columbia, 1917		(C. U. Senior)	
Wyman, Rodney Elbridge	Hampden, Me.	Fineman, Abraham Harold	New York City
B.S., Dartmouth, 1916		B.S., C. C. N. Y., 1916	
Yost, Fielding Ernest Lee	Fairmont, W. Va.	Fischer, Frederick Roy	Lancaster, Wis.
Young, Robert Simonton	Concord, N. C.	B.S., Univ. of Wisconsin, 1918	
Third year, Class 1919 . . . . .	148	Fisher, Henry Jacob, Jr.	New York City
		Florence, William Steed	Macon, Ga.
		A.B., Mercer Univ., 1916	
		Gaberman, David	Hartford, Conn.
		Gardner, Willets Walton	Ctr. Moriches, N. Y.
		A.B., Cornell, 1915	
		Ginsberg, Abraham Jason	Tupper Lake, N. Y.
		Ginzburg, Leon	New York City
		Ginzburg, Samuel	New York City
		(C. U. Senior)	
		Gollick, William Anthony	New York City
		Gordon, Douglas Roy	Beacon, N. Y.
		Gottlieb, Bernhardt Stanley	New York City
		Greenstein, Meyer	New York City
		Groff, Morris	New York City
		Haas, Louis	New York City
		(C. U. Senior)	
		Harrison, Emanuel Emile	New York City
		Hughes, William Morris, Jr.	Albany, N. Y.
		A.B., Columbia, 1917	
		Hurwitz, Leon Juda	New York City
		Hutner, Sydney	New York City
		Jennings, Frederic Beach, Jr.	New York City
		Joelson, James Joel	Paterson, N. J.
		Johnson, Frank Chambliss	East Orange, N. J.
		B.S., Rutgers, 1916	
		Kimball, Reuel Baker, Jr.	New York City
		A.B., Princeton, 1915	
		Kleinfeld, Louis	New York City
		Klemes, Isadore Saul	New York City
		Kramer, Sidney David	New York City
		B.S., C. C. N. Y., 1914	
		Kurzrok, Raphael	New York City
		(C. U. Senior)	

## SECOND YEAR CLASS—1917-1918

## CLASS 1920

Adlerberg, Gustave	New York City
Amsel, Maxwell Ritter	Bridgeport, Conn.
Apisdorf, Alexander Karl	New York City
Archer, Benjamin Harrison	New York City
A.B., C. C. N. Y., 1916	
Armstrong, Carlos Gabriel	New York City
(C. U. Senior)	
Bader, George Bernard	Washington, Conn.
A.B., Holy Cross, 1916	
Barash, Louis	New York City
A.B., C. C. N. Y., 1916	
Barovick, Sidney Hyman	New York City
(C. U. Senior)	
Berg, Benjamin Nathan	Weehawken, N. J.
A.B., C. C. N. Y., 1916	
Berkovsky, Max Sigmund	Hartford, Conn.
Bernstein, Solon	New York City
Blake, Henry Kingsley	Englewood, N. J.
A.B., Yale, 1916	
Blasenstein, Joseph Emanuel	New York City
(C. U. Senior)	
Bleckwenn, William Jefferson	Astoria, N. Y.
B.S., Univ. of Wisconsin, 1917	
Bluestone, Moses Abraham	New York City
Bonime, Ralph Gabriel	New York City
(C. U. Senior)	
Brewer, Francis	Westfield, N. Y.
A.B., Oberlin, 1916	
Brown, Chester Richard	New York City



Lane, Austin Witter	East Orange, N. J.	Samuels, Saul Simon	New York City
Lathrop, Albert Spicer	Mt. Carmel, Conn.	A.B., Columbia, 1916	
(C. U. Senior)		Samworth, Robert Pawley	Paterson, N. J.
Lease, Raymond Essex	New York, N. Y.	A.B., Columbia	
A.B., C. C. N. Y., 1916		Saulpaugh, Lincoln Moses	New York City
Le Bel, Louis Jean Baptiste	Nutley, N. J.	B.S., Columbia, 1917	
A.B., C. C. N. Y., 1916		Scardaccione, Alex. Anselm	New York City
Levinsky, Aaron	New York City	B.S., Columbia, 1917	
(C. U. Senior)		Schroff, Joseph	New York City
Lieberman, Samuel Harry	New York City	B.S., C. C. N. Y., 1909	
Littauer, Emanuel Victor	New York City	Sesta, Joseph	Jersey City, N. J.
A.B., Columbia, 1917		Ph.C., N. Y. Coll. of Pharmacy, 1916	
Loomis, Barlow Tingley	Unadilla, N. Y.	Shea, Thomas Edward	Holyoke, Mass.
A.B., Union Coll., 1915		Skolfield, Mazel	Salt Lake City, Utah
Maue, Henry Peter	New York City	A.B., Univ. of Utah, 1916	
(C. U. Senior)		Somberg, Joseph Sheldon	Columbus, Ohio
Mebane, Donald Cummins	Wilkes-Barre, Pa.	Starkweather, Courtney Nash	Plainfield, N. J.
(C. U. Senior)		B.S., Tufts Coll., 1916	
Melicow, Meyer M.	New York City	Stern, Abner	New York City
Mendelson, David Bert	Rochester, N. Y.	(C. U. Senior)	
B.S., Univ. of Rochester, 1917		Stone, Morris	New York City
Messing, Frederick Bernard	Toronto, Ontario	Strongin, Herman Frank	Norwich, Conn.
Ph.B., Hiram, 1900		Ph.C., Columbia, 1916	
Milch, Henry	New York City	Sweeny, Francis Joseph Leo	New York City
A.B., Columbia, 1916		A.B., Manhattan College, 1916	
Miller, William Harold	New York City	Thayer, Lyman Irving	Ballston Spa, N. Y.
A.B., Columbia, 1917		B.S., Colby Coll., 1916	
Murray, Harold Aloysius	Newark, N. J.	Thomas, Thomas S., Jr.	Salt Lake City, Utah
A.B., Seton Hall, 1916		Tinkler, Bruce Raymond	Brighton, Tenn.
Nathans, Alfred Abraham	New York City	A.B., Erskin, 1913	
Nellis, George Seipel	Watertown, N. Y.	Tucker, Frank Landale, Jr.	New York City
Parker, Arthur Joseph	New York City	B.S., Columbia, 1917	
A.B., Brooklyn Coll., 1916		Vitale, Dominic Vito	Elizabeth, N. J.
Pascal, Joseph Irving	New York City	Weigele, Carl Edward	Jersey City, N. J.
B.S., Columbia, 1912		Weinstein, Louis	New York City
Paulonis, Joseph Francis	New York City	Welt, Bernard	New York City
Ph.G. and Ph.Ch., 1916		(C. U. Senior)	
Persky, Arthur Melvin	New York City	White, Richard Joseph	Brady, Tex.
(C. U. Senior)		A.B., Yale, 1916	
Peters, Frank Hart	New York City	Second year, Class 1920 . . . . .	113
C.E., Pa. Military Coll.			
Pullen, Guy Foote	Greenwich, Conn.		
Rabinovitch, Wolf	New York City		
A.B., Yurloff Classical Gym., Russia			
Reichle, Herbert Siegfried	Irvington, N. Y.		
(C. U. Senior)			
Rhodebeck, Edmund Joseph	Flushing, N. Y.		
Robison, Arnold Edgar	Provo, Utah		
Rogatz, Julian Leo	New York City		
(C. U. Senior)			
Rosen, Hyman William	New York City		
(C. U. Senior)			
Russo, Carlo Canio	Newport, R. I.		
A.B., Brown Univ., 1916			
Russell, James Earl, Jr.	New York City		
(C. U. Senior)			
Sala, Angelo Michael	New York City		
A.B., St. John's Coll., 1916			

## FIRST YEAR CLASS—1917-1918

## CLASS 1921

Adams, William, Jr.	Lawrence, L. I.
A.B., Yale, 1917	
Aine, Jacob	New York City
A.B., C. C. N. Y., 1916	
Altschul, Frank Joseph	New York City
Amazon, Peter	Brooklyn, N. Y.
(C. U. Junior)	
Ambrose, Anthony	Newark, N. J.
Amill, Luis Antonio	Mayaguez, Porto Rico
Anderson, Chester Thomas	Brooklyn, N. Y.
(C. U. Junior)	
Anello, Vincent	New York City
(C. U. Junior)	
Apfel, Samuel Joshua	New York City

Armstrong, James Henry	McBee, S. C.	Dixon, George Graves	New York City
Ashton, Henrietta Mae	New York, City	(C. U. Senior)	
Atkinson, John Pepper	Greenville, Ga.	Dolinsky, Isidor	New York City
Aufses, Arthur Harold	New York City	Doshay, Louis Jacob	New York City
(C. U. Junior)		Echikson, Joseph Israel	Newark, N. J.
Baker, John Percy	New York City	Elias, Miguel Grausman	Raleigh, N. C.
(C. U. Senior)		B.S., N. Y. U., 1917	
Balson, Zachary David Boris	Newark, N. J.	Evans, Theodore Schlosser	Stockbridge, Mass.
Baratta, Achille Frank	New York City	A.B., Yale, 1917	
(C. U. Junior)		Ferguson, Ferdinand Milton	New York City
Barber, George Holbrook	New York City	Filippone, Amerigo	Newark, N. J.
A.B., Wash. and Lee Univ.		Fishberg, Arthur Maurice	New York City
Berson, George Jarcho	New York City	(C. U. Junior)	
B.S., C. C. N. Y., 1917		Fisher, David	Everett, Mass.
Bivings, Frank Lee	Jakin, Ga.	A.B., Harvard, 1917	
Bliss, J. Herbert	Syracuse, N. Y.	Fleischmann, Berthold	New York City
A.B., Syracuse Univ., 1917		B.S., C. C. N. Y., 1917	
Borshaw, Hyman	Hoboken, N. J.	Ford, Theodore Richards	East Orange, N. J.
(C. U. Junior)		Frant, Samuel	Newport, R. I.
Bown, J. Clinton	Provo, Utah	(C. U. Junior)	
Boyarsky, Israel Ezekiel	Passaic, N. J.	Freidus, Elias	New York City
Brandstein, Joseph S.	New York City	Friedman, Benjamin	New York City
(C. U. Junior)		Frosch, Herman Louis	New York City
Browd, Victor Lincoln	New York City	(C. U. Senior)	
Brown, Charles Alfred	Waterbury, Conn.	Frost, Joseph Nesbitt	Geneva, N. Y.
Buchman, Joseph	New York City	B.S., Hobart Coll., 1916	
(C. U. Senior)		Funderburg, Fred'k Douglass	Anniston, Ala.
Budge, Alfred Hoge, Jr.	Boise, Idaho	Giglio, Alphonso Salvatore Vincent	Elizabeth, N. J.
Budge, Scott Merrill	Logan, Utah	(C. U. Junior)	
Bulmer, James Wesley	New York City	Ginsberg, William	New York City
B.S., Rutgers, 1915		A.B., C. C. N. Y., 1917	
Buonaguro, Michael James	New York City	Given, James Bartley, Jr.	New York City
(C. U. Junior)		Litt.B., Princeton Univ., 1917	
Burchell, Samuel Clement	New York City	Goalwin, Harry Aaron	New York City
Carnes, Moses	Tupper Lake, N. Y.	M.E., Polytechnic Inst., 1914	
A.B., Cornell, 1916		Goldberg, Hyman Trynin	New York City
Carpinello, Edward Alfred	New York City	Goldstein, Ben Odley	Pittsburgh, Pa.
Caruso, Rono Joseph	Newark, N. J.	Goldstein, Braham Hirsch	New York City
Charlton, Thomas Jackson, Jr.	Savannah, Ga.	Goldstein, Harold	New York City
A.B., Yale, 1917		Goldstein, Isidor Elias	New York City
Cheetham, Donald Butterworth	Canton, N. Y.	Goltman, Alfred Meyer	Memphis, Tenn.
A.B., St. Lawrence Univ., 1916		Gonzalez, Roberto	New York City
Cohen, Aaron	Paterson, N. J.	Goodman, Moses	New York City
Cohen, Philip	New York City	Gordon, Daniel	New York City
A.B., C. C. N. Y., 1917		(C. U. Junior)	
Corwin, Emme Eugenia	Newark, N. J.	Gordon, Herbert	New York City
A.B., A.M., Wellesley College, 1914, 1917		(C. U. Junior)	
Crotty, Martin Flaherty	Worcester, Mass.	Haigh, Susanna Edwards Schuyler	Summit, N. J.
A.B., Holy Cross Coll., 1915		A.B., Vassar, 1915	
Cummings, Sara Meeker	Montclair, N. J.	Haines, Charles Everett	Nashua, N. H.
A.B., Wellesley Coll., 1915		A.B., Univ. of Michigan, 1917	
Curnow, Dorothea Estelle	New York City	Hallock, Abraham Avery	Cromwell, Conn.
A.B., Barnard, 1917		A.B., Wesleyan Univ., 1916	
Curtis, Howard Cone	Oberlin, Ohio	Hammer, Armand	New York City
A.B., Oberlin Coll., 1915		(C. U. Junior)	
Cutler, Max	Athens, Ga.	Hardy, Le Grand Haven	Provo City, Utah
Dargeon, Harold William	New York City	A.B., Brigham Young Univ., 1916	
Davidson, Harold Bertram	New York City		
B.S., Columbia, 1917			

Harrison, Francis Murphy	Stamford, Conn.	McGowan, Francis Joseph	New York City
A.B., Holy Cross Coll., 1917		(C. U. Junior)	
Hartman, Jess	Dayton, Ohio	McKenzie, Robert Abbe	Metuchen, N. J.
Herman, David Samuel	New York City	Nachmanowitz, Joseph	New York City
Hobart, Richard Townley	Upper Montclair, N. J.	Napoliello, Vincent	New York City
A.B., Amherst, 1917		Newmark, Edward Harold	New York City
Horowitz, Edward Adolph	New York City	Nishman, Daniel	New York City
Israel, Roland Gausman	New York City	Nodine, Edwin Rogers	New Rochelle, N. Y.
Jacobi, Harry George	New York City	A.B., Columbia, 1917	
Jacobs, Isidore William	New York City	Noll, Louis	Hartford, Conn.
Jacobs, Julius Bay	New York City	Nute, William Laubach	Palisade, N. J.
Jones, Helen Marie	New York City	A.B., Yale Univ., 1914	
Kaplan, Max	New York City	Ohlbaum, Claude	New York City
Kaplan, Morris	New York City	Outhwaite, Leonard	Old Bennington, Vt.
Kerdasha, George Sayd	Weehawken, N. J.	A.B., Univ. of California, 1916	
Kibel, Israel	New York City	Panaro, Louis Mario	New York City
Kislík, Louis Krimont	New York City	Parker, Arthur Douglas	Portsmouth, Va.
B.S., C. C. N. Y., 1917		B.S., William and Mary, 1917	
Knauer, William Jerome	Jacksonville, Fla.	Perrone, Ferdinando Louis	New York City
Koplik, Daniel Morris	New York City	Pincus, Joseph	New York City
(C. U. Junior)		Rappaport, Benjamin Herman	New York City
Krimsky, Emanuel	New York City	Raynes, Alphonso Francis	Portsmouth, N. H.
Landon, John Fitch	Salisbury, Conn.	A.B., Yale, 1917	
A.B., Yale, 1917		Reynolds, George Stoddard	Glen Ridge, N. J.
Lapkin, Nathan	New York City	Richter, Maurice Nathaniel	New York City
Levine, Leon Harry	New York City	Riedkozoob, Raphael A.	New York City
Levy, Lawrence	New York City	Ring, Herman Bertram	Passaic, N. J.
B.S., C. C. N. Y., 1917		Rodgers, Mortimer William	New York City
Lewis, David Harris	Hartford, Conn.	Rogatz, Julian Leo	New York City
Lindh, Gulli Charlotte	Tyringe, Sweden	Rogers, Richard Merington	Newark, N. J.
A.B., Barnard, 1917		(C. U. Junior)	
Loth, Mathilde	New York City	Rosen, James Michael	New York City
A.B., Smith, 1917		(C. U. Junior)	
Major, Roy	Anderson, S. C.	Rosenberg, Solomon Just	New York City
Mantel, Herman Emil	Stamford, Conn.	Rosenfeld, Samuel	New York City
A.B., A.M., Ph.D., N. Y. U., 1908-9-16		(C. U. Junior)	
Marcus, Israel Hyman	New York City	Rosenzweig, Maxwell	New York City
(C. U. Junior)		(C. U. Junior)	
Marraro, Rosario	New York City	Rubin, Jacob	New York City
(C. U. Junior)		Rudy, David	New York City
Marston, Dorothea March	Glen Ridge, N. J.	Ruppe, John Paul	New York City
A.B., Wellesley, 1909		(C. U. Junior)	
Martin, Charles Wesley	Westfield, N. J.	Rutstein, Saul	New York City
Matzner, Eric Milton	New York City	A.B., C. C. N. Y., 1917	
Mazzola, Frank Raymond	New York City	Saland, Gamliel	New York City
Meehan, George Edward	Jersey City, N. J.	(C. U. Junior)	
A.B., St. Peter's Coll., 1917		Salzberg, Abraham	New York City
Megirian, Zareh	New York City	Sandroni, Dino	New York City
(C. U. Junior)		Sarlin, Charles Nathaniel	Elmhurst, L. I.
Mei, Chenk Shang	New York City	(C. U. Junior)	
B.S., Columbia, 1917		Scherman, Berthold Adolphe	New York City
Meurlin, Alfred	New York City	Schneider, Harry	New York City
Mishell, Daniel Randolph	Glen Ridge, N. J.	Segal, Benjamin	New York City
Moore, Wilbur John	Watertown, Conn.	Seidman, Edwin Arthur	Newark, N. J.
(C. U. Junior)		B.S., Rutgers, 1917	
Moorman, Ivan Glen	Edwardsville, Ill.	Seidman, Herbert Walter	Newark, N. J.
A.B., McKendree, 1914		B.S., Rutgers, 1917	
McCaslan, William Hill	Newnan, Ga.	Selig, Seth	New York City
A.B. and B.S., No. Ga. Agric. Coll.		(C. U. Senior)	



# REGISTER OF STUDENTS

## SCHOOLS OF MINES, ENGINEERING, AND CHEMISTRY

### THIRD YEAR—CLASS OF 1918

#### CHEMICAL ENGINEERING—THIRD YEAR

Fogg, Wendell Gilman	New York City
A.B., Columbia, 1915	
Gorzo, Julius	McKeesport, Pa.
B.S., Carnegie Inst. of Tech., 1915	
Malisoff, William	New York City
B.S., Columbia, 1915	
Randolph, Wendell Govers	New York City
B.S., Columbia, 1916	

#### CIVIL ENGINEERING—THIRD YEAR

Kupec, William Joseph	New York City
B.S., C. C. N. Y., 1915	
Norton, Timothy Joseph	New York City
B.S., Columbia, 1915	
Schenck, Cornelius Frelinghuysen	Plainfield, N. J.
B.S., Rutgers, 1913	

#### MECHANICAL ENGINEERING—THIRD YEAR

Nulsen, Marvin E.	New York City
B.S., Cooper Union, 1914	
Shea, Edward Henry	New York City
B.S., Columbia, 1916	

#### MINING ENGINEERING—THIRD YEAR

Kraus, Edgar	New York City
Nesbit, Millard F.	Livingston, Mont.
A.B., Univ. of Montana, 1915	
Ng, Sydney See Ho	Sydney, Australia
London Univ.	
Pyburn, Paul Francis, Jr.	New York City
A.B., Fordham, 1914	
Rukeysner, Walter Arnold	Atlantic City, N. J.
B.S., Princeton, 1916	
Widmer, William Ernest	Centerville, Ia.
B.S., Northwestern Univ., 1915	

### THIRD YEAR—CLASS OF 1918

Chemical Engineering	4
Civil Engineering	3
Mechanical Engineering	2
Mining Engineering	6

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### SECOND YEAR—CLASS OF 1919

#### CHEMICAL ENGINEERING—SECOND YEAR

Abrahamson, Emanuel M.	New York City
B.S., Columbia, 1917	

Acosta, Julian Albert, Jr.	New York City
B.S., Columbia, 1916	
Barsky, George	New York City
B.S., Columbia, 1916	
Bolte, John Kirk	Roslyn, Md.
Baltimore Polytechnic Inst.	
Buchman, Louis	New York City
B.S., Columbia, 1917	
Dedlow, Carl	New York City
Cornell Univ.	
Fidler, Peter Zenith	New York City
B.S., C. C. N. Y., 1916	
Kurtz, Jacob	Manchester, N. H.
B.S., Columbia, 1917	
Weiler, Edward William	New York City
B.S., Columbia, 1916	

#### CIVIL ENGINEERING—SECOND YEAR

Brodie, Nathaniel Louis	New York City
Kansas Univ.	
Critzas, Evangelos	New York City
Columbia Coll.	

#### ELECTRICAL ENGINEERING—SECOND YEAR

Boeck, Christian Frederick	Waukesha, Wis.
A.B., Carroll Coll., 1915	
Kilburn, Henry Thomas	New York City
B.S., Columbia, 1917	
Richardson, Max C.	Bend, Ore.
B.S., Whitman Coll., Wash.	

#### MECHANICAL ENGINEERING—SECOND YEAR

Nahm, Horace Hamilton	New York City
B.S., Columbia, 1917	

#### MINING ENGINEERING—SECOND YEAR

Casares, Edward Joseph	New York City
B.S., Sorbonne, 1911	
Davy, William Myron	Englewood, N. J.
B.S., Princeton, 1916	
Parker, Everett Humphreys	Denver, Colo.
B.S., Dartmouth, 1916	

### SECOND YEAR—CLASS OF 1919

Chemical Engineering	9
Civil Engineering	2
Electrical Engineering	3
Mechanical Engineering	1
Mining Engineering	3

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FIRST YEAR—CLASS OF 1920		
CHEMICAL ENGINEERING—FIRST YEAR		
Burke, Stephen P.	New York City	
B.S., Columbia, 1917		
Conrad, William Leaman	Watkins, N. Y.	
Echevarria, Jose Maria	Matanzas, Cuba	
Tulane Univ.		
Glass, Emanuel	Suffern, N. Y.	
B.S., Columbia, 1917		
Harvey, Mortimer	Ticonderoga, N. Y.	
B.E., Union Coll., 1917		
Hoffberg, Israel	New York City	
B.S., C. C. N. Y., 1917		
Kandel, Montefiore	New York City	
Kraft, Rudolph Louis	New York City	
B.S., Columbia, 1917		
Lehman, Sidney	Cleveland, Ohio	
Case College		
Lewis, Alvin	New York City	
B.S., C. C. N. Y., 1917		
Mahnken, Harold John	New York City	
Montgomery, Richard Bacon	Plainfield, N. J.	
A.B., Columbia, 1916		
Soule, Roland Phineas	Rochester, N. Y.	
B.S., Univ. of Rochester, 1917		
Stecker, William Walter	New York City	
B.S., Columbia, 1917		
Streger, Paul	New Rochelle, N. Y.	
Wagner, Richard, Jr.	New York City	
B.S., Columbia, 1917		
Webb, G. Raymond	Buffalo, N. Y.	
B.S., Columbia, 1914		

CHEMISTRY—FIRST YEAR		
Fanelli, Rocco	New Rochelle, N. Y.	
Leavitt, Philip B.	New York City	
CIVIL ENGINEERING—FIRST YEAR		
Beuerman, Richard T.	New York City	
Gabriel, Ervant	Weehawken, N. J.	
B.S., Princeton, 1916		
Kerekes, Frank	New York City	
B.S., C. C. N. Y., 1917		
Meyer, Harry H.	New York City	
B.S., Columbia, 1917		
Nadel, Louis	New York City	

ELECTRICAL ENGINEERING—FIRST YEAR		
Bulkley, Edward Atkinson	Yonkers, N. Y.	
B.S., Virginia Military Inst., 1917		
Efron, Alexander	New York City	
Kaplan, Vladimir Tlich	Minsk, Russia	
Sorbonne		
Ward, Joseph Vincent	New York City	
B.S., Columbia, 1917		
MECHANICAL ENGINEERING—FIRST YEAR		
Barish, Thomas	New York City	
B.S., Columbia, 1917		
Fezandie, Eugene Hector	New York City	
B.S., Columbia, 1917		
Hallock, Edward Story	Mt. Vernon, N. Y.	

Zychlinski, Lech Wojciech	New York City
B.S., Columbia, 1917	
METALLURGICAL ENGINEERING—FIRST YEAR	
Cowen, Rudolph Henry	New York City
Hirons, Gardner, Jr.	New York City
B.S., Columbia, 1917	

MINING ENGINEERING—FIRST YEAR	
Kreutzer, Louis George	New York City
B.S., Columbia, 1917	
Meagher, Edward Cohemba	Montclair, N. J.
B.S., Columbia, 1917	
Melzer, Frederick E.	Baker, Ore.
A.B., Univ. of Oregon, 1917	
Peri, Albert	Lima, Peru
Escuela de Ingenieros, Lima, Peru	
Smith, Carlos Bjerk	New York City
Wang, Hsifan F.	Shanghai, China
B.S., Pei-yang Univ., 1915	

FIRST YEAR—CLASS OF 1920	
Chemical Engineering	17
Chemistry	2
Civil Engineering	5
Electrical Engineering	4
Mechanical Engineering	4
Metallurgical Engineering	2
Mining Engineering	6
	40

NON-MATRICULATED STUDENTS	
Guillen, Alfonso	Acapulco, Mexico
Escuela de Ingenieros, Mexico	
Lain, John Byrns	Goldfield, Nev.
Lellep, Otto	Reval, Russia
Met.E., Bergakademie in Klausthal, Ger., 1910	
Levy, Robert	New York City
C.E., Cornell, 1913	
Nishi, Katsuzo	Fukuoka, Japan
Puente, Manuel de Jesus	Guantanamo, Cuba
E.E., Syracuse, 1917	
Vickunezaki, Ichiro	Tokio, Japan
Tokio Imperial Univ.	

SUMMARY				
	1st Yr.	2d Yr.	3d Yr.	Total
<i>School of Mines</i>				
Mining Engineering	6	3	6	15
Metallurgical Engineering	2			2
<i>School of Chemistry</i>				
Chemistry	2			2
Chemical Engineering	17	9	4	30
<i>School of Engineering</i>				
Civil Engineering	5	2	3	10
Electrical Engineering	4	3		7
Mechanical Engineering	4	1	2	7
Non-Matriculated				7
Total				80

# REGISTER OF STUDENTS

## FACULTIES OF POLITICAL SCIENCE, PHILOSOPHY, AND PURE SCIENCE

- Abrahamson, Alexander Elias New York City  
(n.m.) *History*
- Ackerly, Jennie New York City  
A.B., Vassar, 1889. *Mathematics*
- Ackerman, Phyllis Oakland, Cal.  
B.L., California, 1914; A.M., 1915; Ph.D.,  
1917. *Philosophy*
- Adair, Edith New York City  
(n.m.) A.B., Bryn Mawr, 1909. *English*
- Adams, A. Elizabeth East Stroudsburg, Pa.  
A.B., Mt. Holyoke, 1914. *Zoology*
- Adams, James Fowler State College, Pa.  
B.S., Mass. Agri. College, 1911; M.S.,  
Penn. State, 1914. *Botany*
- Adler, Alphonse Andrew New York City  
B.S., Cooper Union, 1905; M.E., Poly-  
technic Inst., 1909; Sc.D., N. Y. Univ.,  
1915. *Mathematical Physics*
- Adlerblum, Cullen New York City  
A.B., C. C. N. Y., 1912. *Botany*
- Agnew, May Gober New York City  
A.M., Queens, 1899. *English, Comp. Liter-  
ature*
- Aitchison, Grace Hood Cedar Falls, Ia.  
A.B., Iowa State Teachers, 1913. *English*
- Albrecht, Arthur Emil New York City  
A.B., C. C. N. Y., 1916; A.M., George  
Washington, 1917. *Sociology, Economics*
- Alexander, Margaret Charlotte  
A.B., Smith, 1914; M.A., 1916. *Economics*
- Allen, Winifred Shirley New York City  
A.B., Mt. Holyoke, 1904. *Latin*
- Ailing, Harold Latimore Rochester, N. Y.  
A.M., 1917; B.S., Rochester, 1915. *Geology,  
Metallurgy*
- Alpern, Hymen New York City  
A.B., C. C. N. Y., 1917. *Latin*
- Altschul, Charles New York City  
(n.m.) *Sociology, History*
- Alvord, Russell Owen Winsted, Conn.  
B.S., Dartmouth, 1909. *English, Comp.  
Literature*
- Ames, Edward Wesley North Easton, Mass.  
B.S., Arizona, 1916. *Geology*
- Ames, Thaddeus Hoyt New York City  
A.B., Michigan, 1905; M.D., 1907. *Psy-  
chology*
- Anderson, James Henry Addison  
A.B., Dalhousie, 1899. *Sociology*  
St. John, Canada
- Anderson, Mary E. Moore, S. C.  
B.Ec., Converse, 1893. *History, Sociology,  
Public Law*
- Andrews, James Clarence  
St. John, Lake Co., Ind.  
B.S., in Chem., Iowa State, 1915. *Chemistry,  
Metallurgy*
- Anger, Henry Lewis New York City  
A.B., Sorbonne, Paris, 1889; B.S., 1890.  
*French*
- Araki, Bunsuke Fukushima-ken, Japan  
(n.m.) *Chemistry*
- Araki, Shigeru Fukui, Japan  
*Indo-Iranian, German*
- Ardzrooni, Leon Fresno, Cal.  
A.B., Leland Stanford, Jr., 1909; A.M.,  
1910. *Economics, History*
- Arent, Leonora Badger, Ia.  
B.D., Iowa State, 1911, A.B., 1916; M.A.,  
1917. *Economics, Politics, Sociology*
- Armstrong, Byron K. Westfield, Ind.  
A.B., Indiana, 1913. *Sociology*
- Arnett, Alexander Mathews Sylvania, Ga.  
A.M., 1913; A.B., Mercer, 1908. *History*
- Artman, Charles Enos LeRoy, N. Y.  
Ph.B., Syracuse, 1910. *Sociology, Economics*
- Atkinson, Raymond Cumings Cleveland, O.  
A.B., Adelburt, 1917. *Politics, Public Law,  
Economics*
- Atsatt, Marjory Los Angeles, Cal.  
A.B., California, 1916. *Social Economy,  
Politics, Economics*
- Austin, Gertrude Bishop Phillips (Mrs.)  
New York City  
B.S., Grinnell, 1909. *Sociology, Economics*
- Ayres, Mary Stevens New York City  
A.B., Wellesley, 1900. *English, Comp.  
Literature*
- Ayusawa, Iwas Frederick New York City  
B.S., Haverford, 1917. *Social Economy*
- Babor, Joseph Albert New York City  
B.S., C. C. N. Y., 1916. *Chemistry*
- Bach, Matthew Gruenberg New York City  
A.M., 1911; A.B. Trinity, Conn., 1910.  
*German, Slavonic*

- Bagier, Victoria Charlotte New York City  
A.B., Portiers, 1908. *French, Spanish*
- Baillie, Charles Tupper New York City  
A.B., Dalhousie, 1901; A.M., 1906; B.D.,  
Union Theo. Seminary, 1912. *History*
- Baker, Emilie Kip Yonkers, N. Y.  
(n.m.) *English*
- Balch, Emily Greene Jamaica Pond, Mass.  
(n.m.) A.B., Bryn Mawr, 1889. *Public Law,  
Anthropology*
- Ball, Constance Lincoln New York City  
A.B., Swarthmore, 1914. *Sociology*
- Barbarrosa, Consuelo New York City  
A.B., Hunter, 1916. *Spanish, French*
- Barber, Jeanne Catharine Mason City, Ia.  
A.B., Grinnell, 1912. *History*
- Barnard, Laurence Wesley  
Saratoga Springs, N. Y.  
(n.m.) *Bacteriology*
- Barras, Moses New York City  
A.B., C. C. N. Y., 1917. *French*
- Bartlett, Janie Beth New York City  
A.B., Smith, 1917. *Mathematics*
- Bashore, E. Gorgas Bayonne, N. J.  
B.S., Penn. State, 1905. *Chemistry*
- Beck, Edith Arminta Farmersville, O.  
Ph.B., Heidelberg, 1910. *English, Latin,  
Comp. Literature*
- Beck, Thor Jensen Copenhagen, Denmark  
A.B., Soroe, 1901; M.A., Copenhagen, 1902;  
LL.M., 1909. *German*
- Becker, Charlotte Wilhelmine New York City  
A.B., Hunter, 1916. *German*
- Becker, Elsa Gertrude New York City  
A.B., 1914. *Mathematics*
- Becker, Hannah New York City  
A.B., Hunter, 1912. *Public Law, Politics*
- Beckwith, Martha Warren  
Northampton, Mass.  
A.M., 1905; B.S., Mt. Holyoke, 1893.  
*Anthropology*
- Beckman, Florence L. New York City  
A.B., 1904. *History*
- Beegle, Frank Moore Williamsburg, Pa.  
A.M., 1917; B.S., Penn. State, 1911. *Chem-  
istry*
- Beer, Walter Eugene Elberon, N. J.  
A.B., Harvard, 1890. *History*
- Behrman, Samuel Nathaniel New York City  
A.B., Harvard, 1916. *English, Philosophy*
- Beiler, Florence New York City  
A.B., Boston, 1907. *Spanish*
- Beller, Elmer Adolph Sea Cliff, N. Y.  
A.M., 1917; A.B., Cornell, 1916. *Politics*
- Benedict, Agnes Elizabeth Cambridge, Mass.  
A.B., Vassar, 1911. *English*
- Benham, Rhoda Williams Cedarhurst, N. Y.  
A.B., 1917. *Botany*
- Bentley, Elwyn Brockway Springfield, Mo.  
A.B., Cornell, 1891. *Philosophy*
- Bentwich, Naomi Hilda London, England  
(n.m.) *Philosophy*
- Bergendoff, Conrad Immanuel  
Philadelphia, Pa.  
A.B., Augustana, 1915; M.A., Pennsylvania,  
1916. *History*
- Bergner, Hilda May Baltimore, Md.  
A.B., Goucher, 1917. *Sociology*
- Bernheim, Alice R. New York City  
A.B., 1917. *Physiology*
- Bernheim, Sara (Mrs.) New York City  
A.B., 1915. *Pathology, Bacteriology*
- Bernholz, Paula New York City  
A.B., 1917. *History*
- Bernstein, Meyer New York City  
B.S., 1916; A.M., 1917. *Mathematics*
- Beyer, Max William Edgewater, N. J.  
A.B., Baldwin-Wallace, 1913; B.D., Drew  
Theo. Seminary, 1916. *Sociology*
- Bigelow, Aleda Jewet Seattle, Wash.  
B.S., Chicago, 1905. *Social Economy*
- Bierman, Samuel Dan New York City  
B.S., C. C. N. Y., 1917. *History*
- Bigger, Esther Laura Columbus, O.  
(n.m.) A.B., Ohio State, 1915; M.A.,  
Radcliffe, 1916. *French*
- Bilbo, Queenie May Creston, Ia.  
A.B., Ohio Wesleyan, 1917. *English*
- Bildersee, Adele New York City  
A.M., 1912; A.B., Hunter, 1903. *English*
- Billman, Arasman Melville Landisburg, Pa.  
A.B., Ursinus, 1912. *History, Semitics*
- Birnbaum, Benjamin Harold New York City  
A.M., 1914; B.S., C.C.N.Y., 1912. *Semitics*
- Bishop, Crawford Morrison Summit, N. J.  
A.M., 1917; A.B., Dartmouth, 1906; B.L.,  
Maryland, 1909. *International Law*
- Bishop, Louisa Eldridge New Haven, Conn.  
A.B., Vassar, 1914. *Psychology, Education*
- Bixler, Julius Seelye Jaffrey, N. H.  
A.B., Amherst, 1916. *Philosophy*
- Bjorlee, Ignatius New York City  
B.S., St. Olaf, 1909; A.M., Gallaudet, 1910.  
*Education, Sociology*
- Black, Forrest Revere Tiffin, O.  
A.B., Wisconsin, 1916. *Public Law*
- Blackfan, Lucile Lawrence Halstead, Kan.  
A.B., Kansas, 1917. *German*
- Blackford, Katharine New York City  
Ph.B., Rochester, 1908. *History, Latin*
- Blaisdell, Frances Seniza New York City  
B.S., 1903; A.M., 1908. *Chemistry, Physics*
- Blanshard, Paul Beecher New York City  
A.B., Michigan, 1914. *Sociology*
- Blanshard, Percival Victor Bay View, Mich.  
A.B., Michigan, 1917. *Philosophy*



- Bloomfield, Grover Elkhart Lake, Wis.  
A. B., 1918. *Chemistry*
- Boak, Joseph, Jr., New Rochelle, N. Y.  
A. B., St. Stephens, 1912. *English, Comp. Literature*
- Boas, Helene Marie Grantwood, N. J.  
A. B., 1909; A. M., 1911. *Botany*
- Boggess, Stanley Theodore New York City  
A. B., Marietta, 1916. *History*
- Bohn, Mary Catherine Norfolk, Va.  
A. B., Randolph Macon, 1914. *Social Economy*
- Bolwell, Robert Whitney New York City  
A. M., 1917; A. B., Western Reserve, 1916. *English*
- Boman, John Sidney New York City  
A. B., Missouri, 1902. *Mathematics*
- Bond, William Miller New York City  
A. B., Lafayette, 1913. *Mathematics, Business, Education*
- Bonney, Mabel Therese Berkeley, Cal.  
A. B., California, 1916; A. M., Radcliffe, 1917. *French*
- Bonnlander, Vincent Charles New York City  
A. B., 1908; A. M., N. Y. Univ., 1914. *Philosophy*
- Borden, Marion Allen Grantwood, N. J.  
A. B., 1915. *English*
- Bosch, Joseph Michael Lake Linden, Mich.  
(n.m.) *Chemistry, Chemical Engineering*
- Boutwell, Marguerite S. Norfolk, Va.  
A. B., Hunter, 1916. *Sociology*
- Bowler, Gladys Stout (Mrs.) New York City  
A. B., Bryn Mawr, 1909. *Russian*
- Bowman, Nina C. New York City  
A. B., Kansas, 1893. *Latin*
- Boyd, Olive Anderson New York City  
A. B., Vassar, 1903. *French*
- Boyer, Ella C. Pine Grove, Pa.  
A. B., Wilson, 1903. *Economics*
- Bradshaw, Bessie B. (Mrs.) Palisade, N. J.  
Ph. B., Hiram, 1910. *History*
- Bradshaw, Frances Margaret Northampton, Mass.  
A. M., 1917; A. B., Smith, 1916. *Philosophy*
- Bradshaw, Marion J. Palisade, N. J.  
A. B., Hiram, 1911; A. M., 1912; B. D., Union Theo. Seminary, 1917. *Philosophy*
- Brakeley, Elizabeth Freehold, N. J.  
A. B., Bryn Mawr, 1916; A. M., 1917. *Chemistry*
- Brandt, Lida Roberts Philadelphia, Pa.  
A. M., 1917; A. B., Wellesley, 1916. *History, Sociology*
- Brandt, Lilian New York City  
A. B., Wellesley, 1895; A. M., 1902. *History*
- Brauman, Rebecca New York City  
A. B., Hunter, 1917. *Public Law*
- Brayton, Louise Grand Rapids, Mich.  
A. M., 1915; A. B., Michigan, 1901. *Latin, History*
- Breed, Ethel Burns (Mrs.) New York City  
A. B., Vassar, 1908. *English*
- Brennecke, Ernest New York City  
A. B., 1917. *English*
- Bressler, Helen B. New York City  
A. B., Lebanon, Vally, 1905. *English*
- Brice, Ethel May Manistee, Mich.  
(n.m.) A. B., Michigan, 1914. *Comp. Literature*
- Brimall, Dean R. Provo City, Utah  
A. M., 1915; A. B., Brigham Young, 1913. *Psychology*
- Brimall, Lila Eccles Ogden, Utah  
(n.m.) A. B., Utah, 1914. *History, English*
- Brink, Louise New York City  
A. B., Vassar, 1898. *Psychology*
- Brown, Earl Bigalow Palisade, N. J.  
A. B., Hiram, 1910; A. M., Yale, 1912. *Social Economy*
- Brown, Robert Bertrand Kansas City, Mo.  
A. M., 1915; A. B., Oberlin, 1912. *Social Economy*
- Bruere, Henry Munroe (Mrs) New York City  
Ph. B., Chicago, 1903. *History*
- Bryan, Dorothy Marie New York City  
A. B., 1917. *English*
- Buchanan, Janet Elliott Chambersburg, Pa.  
A. B., Wilson, 1911. *Social Economy*
- Buckingham, Elizabeth Lee Stanford Univ., Cal.  
A. B., Leland Stanford, 1910; A. M., 1914. *English*
- Buell, Alice Standish Oak Park, Ill.  
A. B., Oberlin, 1914. *Sociology*
- Buell, Joshua Bradley Ann Arbor, Mich.  
A. B., Oberlin, 1915. *Social Economy, Politics, Economics*
- Buermeyer, Lawrence Ladd Princeton, N. J.  
A. B., Pennsylvania, 1912; A. M., Princeton, 1917. *Philosophy*
- Bull, Irving Crawford Middletown, N. Y.  
(n.m.) A. M., 1902; Ph. B., Yale, 1901. *Metallurgy*
- Burke, Beatrice Agatha Lewiston, Me.  
A. B., St. Elizabeth, 1917. *Latin, Education*
- Burns, Charlotte New York City  
A. B., 1918, Feb. *History*
- Burris, M. Calliope Philadelphia, Pa.  
A. B., Hood, 1916. *History*
- Burt, Edwin Arthur New York City  
A. B., Yale, 1915. *Philosophy*
- Butts, Alfred Benjamin Agricultural College, Miss.  
A. M., 1915; B. S., Miss. A. & M. College, 1911; M. S., 1913. *Politics*

- Byron, Edward Jersey City, N. J.  
M.E., Stevens, 1912. *Physics*
- Cahill, John New York City  
A.B., St. John's, 1915. *Mathematics*
- Cahill, Mary Florence New York City  
B.S., 1911. *English*
- Caldwell, Ruth Evelyn New York City  
*History, Public Law, Economics*
- Calkins, Charles Dow Glenbrook, Conn.  
C.E., Rens. Poly. Inst., 1909. *Mathematics*
- Callahan, Florence Burns Webster, Mass.  
A.B., Smith, 1917. *French*
- Callan, Gertrude New York City  
A.B., New Rochelle, 1913. *Latin*
- Calman, Alvin Rosenblatt New York City  
A.M., 1917; A.B., Dartmouth, 1916  
*History*
- Cantor, Bernard New York City  
A.B., Cincinnati, 1914; A.M., 1915. *Philosophy*
- Capocelli, Ginevra New York City  
*Sociology*
- Carlson, Carl Olof Crete, Neb.  
A.B., Doane, 1902. *Zoology*
- Carman, Harry James Saratoga Springs, N. Y.  
Ph.B., Syracuse, 1909; A.M., 1914. *Politics*
- Carothers, Florence Edith New York City  
A.B., 1916; A.M., 1917. *Psychology*
- Carter, Anne Frazier Georgetown, Tex.  
(n.m.) A.B., Southwestern, 1912; A.M.,  
Wellesley, 1916. *Philosophy*
- Castillo, Teresa de Jesus Cleveland, O.  
A.B., Western Reserve, 1915. *French,  
Spanish*
- Chamberlin, Egbert Charles New York City  
(n.m.) *Physics*
- Chandler, Anna Hamilton St. Louis, Mo.  
A.B., Washington, 1914. *French*
- Chang, Chaucin Fukien, China  
A.B., Michigan, 1914; J.D., Chicago, 1917.  
*Public Law, International Law*
- Chang, Hung Hsiang Shanghai, China  
A.B., 1917. *Economics, Business*
- Chang, Yuhon Yih-Tze Nanking, China  
B.S., Mass. Inst. Tech., 1917. *Chemical  
Engineering, Metallurgy*
- Chard, Walter Goodman Cazenovia, N. Y.  
A.M., 1916; A.B., Harvard, 1904. *History*
- Chen, Philip Wei Fukien, China  
B.S., Pennsylvania, 1916. *Economics*
- Chen, Queh King Hunan, China  
A.B., Illinois, 1918, A.M., 1918. *Politics*
- Chen, Ting-hsi Ningpo, China  
B.S., Pennsylvania, 1917. *Economics*
- Chen, Yii Gwan Ningpo, China  
A.B., Nanking, 1915. *Chemistry*
- Chen, Yii Meng Nanking, China  
A.B., Nanking, 1914; A.M., Butler, 1916.  
*Economics*
- Chesley, Mabel Louise New York City  
A.B., Vassar, 1897. *Politics, History*
- Chin, Yueh Lin China  
B.S., Pennsylvania, 1917. *Economics, Poli-  
tics, History*
- Chirgwin, Henry Valparaiso, Chile  
*Sociology*
- Christmann, Ludwig Jacob New York City  
B.S., 1917. *Chemistry*
- Chung, Kocheng Shanghai, China  
A.B., Reed, 1917. *Economics*
- Ciu, Donald Gieng Foochow, China  
A.M., 1917; B.S., Wesleyan, 1916. *Politics,  
Sociology*
- Clapp, Percy Edwin Rush, N. Y.  
A.B., Cornell, 1910; B.S.A., 1911. *Sociology*
- Clark, Claudia L. Redlands, Cal.  
A.B., Stanford, 1909. *History*
- Clark, Florence Ritchie New York City  
A.B., Hunter, 1907. *History*
- Clarke, Mary Joplin Toronto, Canada  
A.B., Toronto, 1914. *History*
- Clark, Rosamond Heermans (n.m.)  
Flushing, N. Y.  
A.B., Wells, 1915; M.A., 1917
- Clausen, Bernard Chancellor  
Binghamton, N. Y.  
A.B., Colgate, 1915, A.M., 1915. *History*
- Clausing, Corinth Cordelia Delaware, O.  
(n.m.) A.B., Ohio Wesleyan, 1915. *Social  
Economy*
- Coats, Harry Peter Burdett, N. Y.  
B.S., Hobart, 1917. *Economics*
- Coburn, Richard Alan New York City  
A.M., 1917; B.S., Dartmouth, 1916. *Bac-  
teriology, Anatomy*
- Coen, Victor New York City  
A.B., Brandon, 1916. *Arabic, Syriac*
- Cohen, Harry Norwich, Conn.  
B.S., C. C. N. Y., 1915. *Semitics, Phi-  
losophy*
- Cohen, Jacob New York City  
*English*
- Cohen, Mortimer J. New York City  
A.B., C.C.N.Y., 1915. *Philosophy, History*
- Cohn, Caroline Orange, N. J.  
A.B., 1914. *Psychology, Neurology*
- Cohn, Daisy Newberg (Mrs.) New York City  
A.B., Normal, 1898. *Sociology, History*
- Cohn, David Josaphat New York City  
A.B., C. C. N. Y., 1917. *Chemistry, Physics*
- Cohn, Paula Violet New York City  
*English*
- Coker, Dorothy Hartsville, S. C.  
A.B., Wellesley, 1917. *Botany*
- Cole, Ethel Martha New York City  
A.B., Syracuse, 1917; B.Ped., 1917. *Psy-  
chology*

- Collins, Katherine Estelle Cortland, N. Y.  
A.B., Smith, 1907. *English*
- Collins, Ross William Nova Scotia, Canada  
A.B., Acadia, 1912; A.M., 1914. *History*
- Collinson, Reginald Clifton Geneva, N. Y.  
B.S., Ohio State, 1908; M.S., 1909. *Chemistry*
- Conklin, Mary Teresina Amityville, N. Y.  
A.B., New Rochelle, 1909. *English*
- Conley, Sarah Carr New York City  
A.B., Wesleyan, 1917. *History*
- Conrow, Georgianna Poughkeepsie, N. Y.  
A.B., Cornell, 1899; A.M., 1902. *French*
- Cook, Grace Elizabeth New York City  
A.B., Hunter, 1915. *History*
- Coombs, Helen Copeland Yonkers, N. Y.  
A.B., 1911; B.S., 1914; A.M., 1915. *Physiology*
- Cornell, Ethel Letitia New York City  
A.B., Cornell, 1914. *Psychology*
- Corr, William Edward Taunton, Mass.  
A.B., Holy Cross, 1904. *Sociology, Economics*
- Costello, Harold Lester New York City  
A.B., C. C. N. Y., 1914. *Latin*
- Coulter, Marion Margerite New York City  
A.B., Hunter, 1915. *Latin*
- Craft, Magdelene Tecumseh, Neb.  
(n.m.) A.B., Nebraska, 1916; A.M., 1917. *Journalism*
- Craighill, Rebecca Price Madison, Wis.  
A.B., Wellesley, 1916
- Cressy, Earl Herbert Hangchow, China  
A.B., Minn., 1907
- Crickmore, Minnie M. Seattle, Wash.  
A.B., Washington, 1906. *Social Economy*
- Crogan, Ida Christine Bayonne, N. J.  
A.B., Minnesota, 1906. *Comp. Literature, English*
- Crogan, Mattie Marie Bayonne, N. J.  
A.B., Minnesota, 1910. *Comp. Literature, English*
- Crowell, Winifred Gardner  
(n.m.) Nova Scotia, Canada  
Ph.B., Chicago, 1902; Ph.M., 1904. *English*
- Crusius, Carl Frederick So. Germantown, Wis.  
A.M., 1915; B.D., Hartford Theo. Seminary, 1909. B.D., Union Theo. Seminary, 1914. *History*
- Cumming, Charles Gordon  
New Glasgow, N.S., Canada  
A.B., Dalhousie, 1905; B.D., Union Theo. Seminary, 1911. *Semitics*
- Cummings, Sara M. Montclair, N. J.  
A.B., Wellesley, 1915. *Chemistry*
- Cunniffe, Elisabeth Waldron New York City  
A.B., Smith, 1915. *French*
- Curry, Mary Louise Palo Alto, Cal.  
A.B., Stanford, 1915; A.M., 1916. *English, Psychology*
- Cushing, Charles Montreal, Canada  
A.B., McGill, 1910. *Philosophy*
- Czarnomska, Marie Elizabeth Josephine Hempstead, N. Y.  
A.M., Smith, 1904. *Semitics*
- Dailey, Dew Parkersburg, Ia.  
A.B., Cornell, 1913. *Sociology*
- Dalton, Irene Elizabeth Gertrude New York City  
A.B., 1917. *English*
- Dalton, Florence New York City  
A.B., Hunter, 1915. *French*
- D'Anchise, Gennaro Gustavo New York City  
*French, Italian*
- Davidson, Edna H. New York City  
A.B., Hunter, 1915. *German, Spanish*
- Davidson, Joseph George Long Beach, Cal.  
A.B., So. California, 1911; A.M., 1912. *Chemistry*
- Davidson, Lucile New York City  
A.B., Bryn Mawr, 1916. *Social Economy*
- Davis, Eleanor Watters Baltimore, Md.  
(n.m.) A.B., Goucher, 1917. *Economics, Social Economy*
- Davis, Emily Porter New York City  
(n.m.) A.B., Smith, 1909. *History*
- Dawson, Andrew Ignatius New York City  
A.M., 1917. *Bacteriology*
- de Barritt, Mildred Loxton Ellenville, N. Y.  
A.B., Elmira, 1914. *English*
- Dennison, Martha Poland, O.  
A.B., Smith, 1912. *Sociology*
- Denny, Helen Tuthill Middletown, N. Y.  
B.S., N. Y. State, 1915. *Bacteriology*
- Denslow, Roy Richard New York City  
A.M., 1917; B.S., C. C. N. Y., 1915. *Chemistry*
- de Soto, Luis Havana, Cuba  
A.B., Inst. de Quasenanza, 1911; LL.D., Univ. de la Habana, 1916; Ph.D., 1917; *Greek, Economics, History*
- Diechmann, Hildegard New York City  
A.B., 1917. *English*
- Dinan, Alice Pearl Fargo, N. D.  
A.B., Wisconsin, 1910. *English*
- Diner, Irene Caroline New York City  
A.B., Hunter, 1917. *Chemistry*
- Dixon, Annie South Orange, N. J.  
A.B., Bryn Mawr, 1917. *Chemistry*
- Dodge, Martin Herbert Ravenna, O.  
A.B., Oberlin, 1915. *Politics*
- Donaldson, Katharine New York City  
A.B., Goucher, 1916. *English*
- Donohugh, Agnes C. L. (Mrs.) New York City  
A.B., 1901; A.M., 1916. *Anthropology*
- Dougherty, Clifford L. Rahway, N. J.  
(n.m.) Ph.C., Michigan, 1911, B.S., 1913. *Chemistry*
- Douglas, Florence Louise Bernardston, Mass.  
A.B., Vermont, 1902. *Latin*

- Douglas, Jesse New York City  
B.S., C. C. N. Y., 1916. *Mathematics*
- Dowell, Sareva Seattle, Wash.  
*French*
- Downes, Helen Rupert Yonkers, N. Y.  
A.B., 1914. *Chemistry*
- Drachman, Julian Moses New York City  
B.S., C. C. N. Y., 1915. *English*
- Drachler, Julius New York City  
A.M., 1915; B.S., C. C. N. Y., 1912. *Sociology, Philosophy, Anthropology*
- Drumheller, Marion Walla Walla, Wash.  
A.B., Whitman, 1917. *French*
- Dumond, Helen Margaret New York City  
A.B., Vassar, 1917. *English*
- Dunaway, Wayland Fuller Brook Vale, Va.  
A.B., Richmond, 1894; A.M., Chicago, B.D., Crozer, 1917. *History*
- Dunn, Amelia Mary Paterson, N. J.  
A.B., St. Elizabeth, 1917; B. Ped. 1917. *English, Education*
- Dunn, Wie Tsain Changteh, China  
A.B., Mingteh, 1913; A.M., Iowa, 1917. *Public Law*
- Dunn, William Parmly New York City  
A.M., 1917; A.B., Princeton, 1908; B.D., Union Theo. Sem., 1911. *English*
- Dupres, Marguerite Marie New York City  
(n.m.) *French*
- Durand, Marie Elizabeth New York City  
A.B., St. Francis Xavier's, 1897. *Sociology*
- Durant, William James New York City  
Ph.D., 1917; A.B., St. Peter's, 1907; A.M., 1908. *Philosophy*
- Duskis, Leopold New York City  
*French, Spanish, German*
- Dyer, Cecil Ballard New York City  
A.B., C. C. N. Y., 1912. *English*
- Dye, Earl Vincent Zanesville, O.  
A.B., 1910. *Economics*
- Earle, Edward Mead New York City  
B.S., 1917. *History*
- Eaton, Mary Pearl New York City  
A.B., Wellesley, 1904. *English*
- Eddingfield, Ina Dean Washington, D. C.  
A.M., 1916; A.B., George Washington, 1915. *History*
- Edman, Irwin New York City  
A.B., 1916. *Philosophy*
- Edwards, Frederick Newton Whittier, Cal.  
A.B., Pomona, 1914; A.M., California, 1915. *Politics, Public Law*
- Edwards, George Herbert, Jr. Darlington, S. C.  
A.B., South Carolina, 1913; A.M., 1913. *Sociology*
- Eells, Edwin New York City  
A.B., Oberlin, 1915. *Social Economy*
- Egleston, Lilian Elizabeth, N. J.  
A.B., 1910. *Sociology*
- Ehrich, Dorothy Juliet New York City  
A.B., Wellesley, 1916. *English*
- Eisenbrandt, Edna Marie Baltimore, Md.  
A.B., Goucher, 1916. *English*
- Eldridge, Seba New York City  
A.B., 1911; B.E., N. C. Coll. of A. & M. Arts, 1907. *Philosophy*
- Eliot, Rosamond New York City  
A.B., Radcliffe, 1917. *Social Economy*
- Ellenoff, Solomon New York City  
A.B., N. Y. Univ., 1915. *Latin*
- Ellis, Mary Alvord Monson, Mass.  
A.B., Radcliffe, 1917. *English*
- Elmayon, Elma V. New York City  
A.B., Pomona, 1913. *Spanish, French*
- Elwyn, Adolphe New York City  
B.S., 1915; A.M., 1917. *Bio-Chemistry*
- Ely, Mary Redington Johnsbury, Vt.  
A.B., Mt. Holyoke, 1911. *Semitics*
- Embry, Dorothy Hawkins Lexington, Ky.  
A.B., Vassar, 1913. *Social Economy*
- Engler, Marguerite Louise New York City  
A.B., 1914. *Biology*
- English, James Henry Hanover, N. H.  
A.B., Dartmouth, 1912. *French*
- Epsteane, Ethel Rose New York City  
B.S., 1916. *Bio-Chemistry*
- Epstein, Louis New York City  
A.M., 1917; B.S., N. Y. Univ., 1914. *History*
- Evans, Joseph New York City  
A.B., Wales, 1916; B.D., Union Theo. Sem., 1917. *Sociology*
- Fabricus, Alma Marie New York City  
A.B., Hunter, 1917. *Mathematics*
- Fanelli, Rocco New Rochelle, N. Y.  
(n.m.) *Chemistry*
- Farnham, Carrie Evangeline New York City  
B.S., 1916; A.M., 1917. *Spanish, French*
- Farnsworth, Grace Lewis Wilbur, Wash.  
A.B., Wellesley, 1914. *Social Economy*
- Fasullo, Francis F. New York City  
A.B., N. Y. Univ., 1916. *Spanish*
- Fateh, Mostafa Khan Isfahan, Persia.  
(n.m.) A.B., Cyrus, Persia, 1916. *Sociology, Economics*
- Faust, Henry Louis Schenectady, N. Y.  
B.S., Union, 1915. *Chemistry*
- Fay, Dudley Ward New York City  
A.B., Williams, 1907. *Neurology*
- Fay, Mary Margaret New York City  
A.B., Hunter, 1917. *French, Spanish*
- Fendell, Solomon Jonathan Davidson New York City  
A.B., Trinity, Conn., 1917. *English, Education*
- Feraru, Leon New York City  
*French*
- Fernandez, Gracia Lilian North Dexter, Me.  
A.M., 1912; B.S., Maine, 1898. *Spanish*

- Ferro, Helene Marie New York City  
A.B., Hunter, 1911. *English*
- Fine, Lena Josephine New York City  
A.B., Hunter, 1903; B.S., N. Y. Univ.  
1907. *Philosophy*
- Finkelstein, Louis New York City  
A.B., C. C. N. Y., 1915. *Philosophy, Semitics*
- Fischer, George William Freeport, L. I.  
B.S., C. C. N. Y., 1913. *Mathematics*
- Fish, Abraham New York City  
B.S., C. C. N. Y., 1914. *Economics*
- Fisher, Helen Vastine Geneseo, Ill.  
A.B., Illinois, 1916. *Social Economy*
- Fisher, Ruth Booth Vergennes, Vt.  
Ph.B., Vermont, 1899. *Botany, Geology*
- Fitzpatrick, Frank Norman New York City  
A.B., Howard, 1915. *Sociology*
- Flax, Nathan New York City  
A.B., C. C. N. Y., 1918. *English*
- Florence, Philip Sargent  
Lordwood Marlow, Bucks, England  
A.B., Cambridge, 1912; A.M., 1915. *Economics*
- Ford, Anna New York City  
Ph.B., Chicago, 1906; B.L., California, 1912;  
A.M., Michigan, 1915. *Spanish, Education*
- Fordrue, John William New York City  
B.S., Fordham, 1916. *Bacteriology*
- Franke, Elizabeth Charlotte Anchorage, Ky.  
A.B., Sweet Brier, 1913; M.S., Louisville,  
1916. *Bio-Chemistry*
- Franklin, Ernestine Phelps  
Williamsbridge, N. Y.  
A.B., Hunter, 1917. *Latin*
- Franzen, Raymond Hugh St. Paul, Minn.  
A.B., Harvard, 1917. *Psychology*
- Frazier, Allegra Centralia, Ill.  
Ph.B., Drake, 1898; A.B., Radcliffe, 1905.  
*English*
- Frazier, William Fiske Little Ferry, N. J.  
A.B., Oberlin, 1910; A.M., 1910; B.D.,  
Drew Theo. Sem., 1917. *Philosophy*
- Freidson, Leon W. New York City  
(n.m.) *Mathematics*
- Freygang, Mildred I. New York City  
A.B., Hunter, 1917. *History*
- Freidman, Sol. New York City  
(n.m.) LL.B., Baldwin-Wallace, 1914. *His-  
tory, Politics, Economics*
- Frohnknecht, Constance New York City  
(n.m.) *History*
- Fry, Charles Luther Philadelphia, Pa.  
A.M., 1917; A.B., Muhlenberg, 1916. *Social  
Economy, Economics*
- Fuchs, Francis Joseph New York City  
A.B., St. John's, 1909. *Chemistry*
- Fujita, Kunika Tokio, Japan  
(n.m.) A.B., Waseda, 1916. *Economics*
- Fuller, Bert C. New York City  
A.B., Cornell, 1895; LL.B., 1895. *Economics*
- Fundenburg, George Baer Pittsburgh, Pa.  
A.B., Princeton, 1916; A.M., 1917. *French*
- Galloway, Jesse James New York City  
A.B., Indiana, 1909; A.M., 1911; Ph.D.,  
1913. *Geology*
- Galt, Caroline Morris South Hadley, Mass.  
A.B., Bryn Mawr, 1897. *Greek, Latin*
- Garnier, Horatio Knight Passaic, N. J.  
A.M., 1908; B.D., Gen. Theo. Sem., 1908;  
B.D., Union Theo. Sem., 1910.
- Garwood, Lynn Eugene Nutley, N. J.  
A.B., Otterbein, 1908; A.M., Wisconsin,  
1912. *History*
- Gayer, Hugh Walters New York City  
*Sociology*
- Gazley, John Gerow White Plains, N. Y.  
A.B., Amherst, 1917. *History*
- Gerland, Natalie Caldwell, Tex.  
A.B., Texas, 1912. *History*
- Gethmann, Julia Reinbeck, Ia.  
A.B., Northwestern, 1910. *Sociology*
- Giessler, Caroline Sophia Hawthorne, N. Y.  
A.B., Hunter, 1917. *English*
- Gildner, Laura May Philadelphia, Pa.  
A.M., 1916; A.B., Cornell, 1906. *Latin*
- Gill, Bennington Pearson New York City  
A.B., C. C. N. Y., 1917; B.S., 1917. *Mathe-  
matics*
- Gillett, Louis Bliss New York City  
A.B., 1904. *English*
- Glaser, Amanda Barbara Dayton, O.  
B.S., 1915. *German*
- Glassberg, Benjamin New York City  
A.M., 1914; A.B., C. C. N. Y., 1910. *Politics*
- Gluck, Florence New York City  
A.B., Hunter, 1917. *History*
- Gluck, Marguerite L. New York City  
*Botany*
- Goeggel, Gladys Irma New York City  
A.B., California, 1917. *English*
- Goldberg, David Sidney Paterson, N. J.  
A.B., C. C. N. Y., 1917. *French, Spanish*
- Goldberg, Jacob Alter New York City  
A.M., 1916; A.B., C. C. N. Y., 1913. *Social  
Economy*
- Goldfarb, Isidor New York City  
A.B., C. C. N. Y., 1916. *French*
- Goldman, Bertha New York City  
A.B., Hunter, 1916. *Physiology*
- Goldman, Solomon New York City  
A.B., N. Y. Univ., 1917. *Philosophy*
- Goldmann, Julia New York City  
B.S., 1915; A.M., 1916. *Neurology, Pathology*
- Goldsmith, Harry West New York, N. J.  
B.S., 1913. *Botany, Biology*
- Goldsmith, Theodora New York City  
A.M., 1907; A.B., Adelphia, 1901. *English*

- Goldstein, Florence New York City  
A.B., Hunter, 1917. *History*
- Goldstein, Israel Philadelphia, Pa.  
A.M., 1917; A.B., Pennsylvania, 1914. *Philosophy*
- Goler, Marie Wright Rochester, N. Y.  
A.B., Wellesley, 1917. *English*
- Goodale, Grace Harriet Potsdam, N. Y.  
A.B., 1899; A.M., 1916. *Latin*
- Gooding, Frances Los Angeles, Cal.  
A.B., Occidental, 1916. *English*
- Goodwyn, Hilton Warner Washington, D. C.  
B.S., Valparaiso, 1914; B.Litt., Notre Dame, 1915; LL.B., 1915. *Economics, Public Law, Politics*
- Gordon, Flora New York City  
*Economics*
- Gordon, Joshua New York City  
*Public Law, Jurisprudence*
- Gordon, Lula Elizabeth St. Louis, Mo.  
A.B., Washington, 1911; A.M., 1913. *Social Economy, Politics*
- Gostenhofer, Dorothy Macdonald Staten Island, N. Y.  
A.M., 1917; A.B., Wellesley, 1914. *Zoology*
- Gottschall, Sylvan Hirshanan Memphis, Tenn.  
(n.m.) A.B., Vanderbilt, 1917. *Philosophy*
- Gould, Miriam Caris Pittsburgh, Pa.  
A.B., Smith, 1911; A.M., Pittsburgh, 1913. *Psychology*
- Grablowsky, Herman Arnold New York City  
A.B., C. C. N. Y., 1916. *History*
- Graham, Frank Dunstone New York City  
A.B., Dalhousie, 1913; LL.B., 1915; A.M., Harvard, 1917. *Sociology*
- Graham, Jacob New York City  
A.B., C. C. N. Y., 1916. *Public Law*
- Graham, V. Arvin Richmond, Va.  
A.B., Cornell, 1917. *Philosophy*
- Grandin, Frances New York City  
B.S., 1917; A.B., Normal, 1902. *Latin*
- Granger, Frederic Stearns New York City  
A.M., 1916; B.S., Princeton, 1905. *Chemistry*
- Grant, Alice Catherine Yonkers, N. Y.  
A.B., 1909. *Latin*
- Graper, Elmer Diedrich Mackey, Ind.  
A.B., Northwestern, 1911. *Politics*
- Gray, Jesse Marion Yonkers, N. Y.  
A.M., 1913; A.B., Olivet, 1904. *German*
- Grayzel, Solomon New York City  
A.B., C. C. N. Y., 1917. *Sociology*
- Green, Hazel Elizabeth Stanford, Cal.  
(n.m.) A.B., Stanford, 1914. *Business*
- Greenberg, Max New York City  
B.S., N. Y. Univ., 1916. *Economics*
- Greene, Theodore Ainsworth, Middletown, Conn.  
A.B., Amherst, 1913; A.M., 1916. *History*
- Gregory, Lucy Cambridge, Mass.  
A.B., Radcliffe, 1916. *French*
- Grier, William Alfred New York City  
B.S., Kenyon, 1897; B.D., Gen. Theo. Sem., 1916. *History*
- Gross, Paul New York City  
B.S., C. C. N. Y., 1916. *Chemistry*
- Gummere, John Scarborough Trenton, N. J.  
A.B., Trinity, Conn., 1917. *English*
- Gustafson, Walter William Kenilworth, N. J.  
A.M., 1913; A.B., Upsala, 1912. *English*
- Haffner, Georgia Venice, Cal.  
A.B., Stanford, 1916; A.M., 1917. *Economics*
- Hagopian, Bedro New Haven, Conn.  
A.B., Wisconsin, 1917. *Philosophy*
- Hahn, E. Adelaide New York City  
A.M., 1917; A.B., Hunter, 1915. *Latin*
- Hall, Charles E. Harrisonburg, Va.  
B.S., 1915. *Politics*
- Hall, Helen Louise Plainfield, N. J.  
A.B., Wellesley, 1903. *English*
- Hall, Margaret Woodburn Lowell, Mass.  
A.M., 1911; A.B., Vassar, 1903. *French*
- Hall, Warren Edmund Hamilton, Ill.  
A.M., 1917; A.B., Illinois, 1913; B.D., McCormick, Theo. Sem., 1916. *Sociology*
- Hamada, Ikiyiro Kobe City, Japan  
A.B., Waseda, 1911. *Philosophy*
- Hamilton, Helen West New York, N. J.  
A.B., Smith, 1895; B.Pd., N. Y. State Normal, 1896. *Psychology*
- Hamilton, Thomas Hoffman Des Moines, Ia.  
A.B., Monmouth, 1907. *English*
- Hampton, Lucy Jeston Edmond, Okla.  
A.B., George Washington, 1914. *History*
- Hanchett, David Scott New York City  
A.B., Wisconsin, 1910; Ph.D., Pennsylvania, 1915. *Philosophy*
- Hand, Frances A. New York City  
A.B., Bryn Mawr, 1898. *History*
- Hannan, Walter Sherlock New York City  
B.S., N. Y. Univ., 1910. *Physics*
- Hanson, Ruth North Minneapolis, Minn.  
A.B., Minnesota, 1913. *Social Economy*
- Hao, Tso Chang Chihli, China.  
A.B., Illinois, 1916; A.M., 1917. *Economics*
- Harmon, Lena Maude Sinclairville, N. Y.  
A.B., Michigan, 1908. *Politics*
- Harper, Queen Cox Emporia, Kan.  
A.B., Emporia, 1909. *English*
- Harris, Florence Belle Falconer, N. Y.  
A.B., Cornell, 1897. *Spanish, French*
- Harris, Milton Hyrum Provo, Utah  
A.M., 1917, A.B., Brigham Young, 1915. *Economics*
- Hart, Hector MacBean New York City  
A.B., Washington State, 1916. *Economics*
- Hart, Nina New York City  
A.M., 1906; A.B., Vassar, 1904. *English*

- Hartwig, Carl Erichs New York City  
*Chemistry*
- Harvey, Gladys H. Theodora  
(n.m.) Menomonie, Wis.  
*Sociology*
- Haupt, Walter Clark (Mrs.) New York City  
A.B., Bryn Mawr, 1912. *Psychology*
- Hausle, Eugenie Caroline New York City  
A.B., 1917. *Mathematics*
- Hausman, Erich New York City  
B.S., Cooper Union, 1907; E.E., 1914;  
E.E., Polytechnic, 1908; M.S., N. Y. Univ.,  
1910, D.S., 1911. *Physics*
- Hawley, Charles Arthur Verona, N. Y.  
A.B., Hamilton, 1916. *Semitics*
- Hayden, Margaret Alger Woburn, Mass.  
A.M., 1917; A.B., Goucher, 1907. *Zoology*
- Hays, Grace Pinkerton Portland, Ore.  
A.B., Reed, 1915. *Biology*
- Heacock, Lorin Madison, N. J.  
A.B., Michigan, 1913. *Semitics*
- Hearst, Edith Pittsburgh, Pa.  
Ph.B., Wooster, 1909. *English*
- Heaton, Foss Osmond Dunton, L. I.  
A.B., Simpson, 1908; A.M., Yale, 1910.  
*Economics*
- Hegeman, Lucy Moyer New York City  
(n.m.) A.B., Wellesley, 1903. *History*
- Heller, Bernard Philadelphia, Pa.  
A.M., 1917; A.B., Pennsylvania, 1916.  
*Philosophy*
- Henn, Arthur Wilbur Evansville, Ind.  
A.B., Indiana, 1914; A.M., 1915. *Zoology*
- Henrichs, Edna New Rochelle, N. Y.  
A.B., Kansas, 1905. *Spanish*
- Henry, Abraham Simpson Grafton  
Baltimore, Md.  
A.B., Morgan, 1913. *Sociology*
- Henry, Blossom Lida Denver, Colo.  
A.B., Denver, 1908. A.M., 1913. *French*
- Henry, Margaret Young Jersey City, N. J.  
A.M., 1917; A.B., Wellesley, 1897; A.M.,  
N. Y. Univ., 1899. *Latin*
- Hepburn, Dollie Booth East Orange, N. J.  
A.B., Smith, 1913. *Sociology*
- Hernandez, Jorge Garcia Havana, Cuba  
(n.m.) LL.D., Havana, 1917. *English*
- Herring, Alice Maude New York City  
A.B., Hunter, 1917. *History*
- Hexter, George Jacob Dallas, Tex.  
A.B., Texas, 1914; A.M., 1916. *Comp.  
Literature*
- Hilderman, Clara Sterling, Colo.  
A.B., Colorado, 1917. *Sociology*
- Hill, Charles Edwin New York City  
A.B., Harvard 1901. *Philosophy*
- Hill, Frank Ernest New York City  
A.B., Stanford, 1911; A.M., 1916. *English*
- Hills, Bertha Burlington, Vt.  
A.M., 1917; A.B., Smith, 1915. *Social  
Economy*
- Hills, Myra Elizabeth Cleveland, O.  
A.B., Western Reserve, 1912; A.M., 1915.  
*Psychology*
- Himber, Isidore New York City  
A.B., C. C. N. Y., 1917. *French*
- Himmelstein, Minnie New York City  
A.B., Hunter, 1917. *Social Economy*
- Hixson, Arthur Warren Iowa City, Ia.  
A.B., Kansas, 1907; M.S., 1915. *Chem.  
Engineering, Chemistry*
- Hobbie, John Remington, Jr. New York City  
B.S., Harvard, 1912; A.M., 1914. *Physics*
- Hodge, Helen Allison Toledo, O.  
A.B., Vassar, 1916. *Economics*
- Hodgen, Margaret San Francisco, Cal.  
B.L., California, 1913. *Economics, Social  
Economy*
- Hoge, Albert Arista Staunton, Va.  
*Comp. Literature*
- Holman, Alexander New York City  
A.B., C. C. N. Y., 1902. *Zoology, Chemistry*
- Holst, William A., Jr. New York City  
B.S., 1918. *Chemistry*
- Holz, Sophie New York City  
B.S., 1915. *German*
- Holzwasser, Florrie New York City  
A.B., 1914. *Geology*
- Homlet, Harry Canton, China  
A.B., 1906; A.M., 1917. *Economics, Pol-  
itics*
- Honor, Leo Lazarus New York City  
A.B., C. C. N. Y., 1914. *Semitics*
- Hopper, Mary Johns New York City  
A.B., Goucher, 1901. *Sociology*
- Hopping, Aleita New York City  
A.B., Hunter, 1912. *Botany*
- Hornbeak, Katherine Gee Waxahachie, Tex.  
A.B., Trinity, Texas, 1916. *English*
- Hornbeak, Louise Sloan Waxahachie, Tex.  
A.B., Trinity (Texas), 1917. *History*
- Horowitz, Harry New York City  
A.B., 1918. *Education*
- Horowitz, Louis New York City  
A.B., 1916; A.M., 1917. *History*
- Horsfield, Margaret Bennitt Oxford, N. C.  
A.B., North Carolina, 1911. *French*
- Hott, Jacob Horace Dayton, Va.  
A.B., Otterbein, 1914. *Economics, Politics*
- Houlihan, Marguerite Angela Elizabeth, N. J.  
A.B., St. Elizabeth, 1914. *Comp. Literature*
- Howard, Florence Ruth Mt. Vernon, Ia.  
A.B., Cornell (Iowa), 1914. *History, Politics*
- Howard, Hilda Kellog Oakland, Cal.  
A.B., California, 1915. *Social Economy*
- Hoysradt, George Franklin New York City  
A.B., Harvard, 1909. *English*

- Hsu, Choa Chun Nantungchow, China  
B.S., St. John's, 1917. *Economics*
- Hsu, Shih-chen Foochow, China.  
Litt.B., Princeton, 1917. *History*
- Huang, Chang Ku Wuchang, China  
B.S., Pei-Yang, 1914. *Metallurgy*
- Huang, Feng Hua Canton, China  
A.B., Wisconsin, 1917; A.M., 1917. *Economics*
- Huang, Han Liang Amoy, China  
A.M., 1916; Litt.B., Princeton, 1915. *Economics*
- Huang, Y. S. Kiangsi, China  
B.S., Pei-Yang, 1916. *Metallurgy*
- Huettnner, Alfred Francis Mobridge, S. D.  
A.B., South Dakota, 1916. *Zoology*
- Hughes, James Fearl New York City  
B.S., 1917. *History*
- Hull, Orrie Leslie New York City  
A.B., Hiram, 1906. *Sociology*
- Hume, Christine Springfield, O.  
A.B., Monmouth, 1911. *English*
- Hume, Helen G. New York City  
A.B., Hunter, 1917. *English*
- Humphries, Jessie Holifield Denton, Tex.  
A.B., Chicago, 1899. *Sociology*
- Hung, William Foochow, China  
A.B., Ohio Wesleyan, 1917. *History*
- Hunt, Mabel Mungeam New York City  
A.B., Cornell, 1912. *French*
- Hurwich, Louis Roxbury, Mass.  
*Social Economy, Economics*
- Hurwitz, Marie New York City  
A.B., Hunter, 1917. *English*
- Hwang, Shih Heng Hunan, China  
A.B., Iowa State, 1917. *Politics, Economics*
- Hyman, Belle Davis New York City  
A.B., Vassar, 1912; B.S., Pennsylvania, 1915. *Bacteriology*
- Iacuzzi, Alfred New York City  
A.B., C. C. N. Y., 1917. *Latin*
- Ikeguchi, Takeo Osaka, Japan  
(n.m.) M.D., Osaka, 1911. *Chemistry*
- Imes, William Lloyd Plainfield, N. J.  
A.M., 1915; A.B., Fisk, 1910; A.M., 1912;  
B.B., Union Theo. Sem., 1915. *History*
- Inwright, Hulda May Jersey City, N. J.  
A.B., Mt. Holyoke, 1917. *English*
- Irving, Beatrice Scott New York City  
A.B., Vassar, 1917. *Economics*
- Isaacs, Jackson Samuels New York City  
*Chemistry*
- Isaacson, Victor Isidor New York City  
B.S., C. C. N. Y., 1916. *Bio-Chemistry*
- Ives, Marian Francis Warren Co., N. Y.  
A.B., Vassar, 1912. *English*
- Iwasaki, Nichi New York City  
LL.B., Kwausai, *Sociology, Economics*
- Jaccard, Lydia New York City  
A.M., 1917; A.B., Hunter, 1914. *English*
- Jacobs, Leo New York City  
A.M., 1905; A.B., C. C. N. Y., 1900. *Philosophy*
- Jacobs, Sara Judith Des Moines, Ia.  
A.B., Colorado, 1914. *Social Economy*
- Jaffe, William New York City  
*History*
- Jaggard, Alice Granger New York City  
A.B., 1909. *Latin*
- Jelinek, Frances Folsom New York City  
*French*
- Jenison, Elsie Safford Wellesley, Mass.  
A.M., 1917; A.B., Wellesley, 1916. *History*
- Jenkins, Mary Bernice New York City  
A.B., Nashville, 1909; B.S., Chicago, 1912;  
M.S., 1915. *Botany*
- Jepson, Lawrence M. Cedar Falls, Ia.  
A.B., Iowa State, 1917. *Economics*
- Jessup, Charles James New York City  
A.B., Amherst, 1917. *Zoology*
- Jewell, Mary Frances Lexington, Ky.  
A.B., Vassar, 1913. *English*
- Johann, Norma Eva New York City  
A.M., 1917; A.B., Hunter, 1914. *Chemistry*
- Johanson, Albert Mathew New York City  
A.B., 1916. *Psychology*
- Johnson, Elsa New York City  
(n.m.) *Spanish, English*
- Johnson, Frederick Ernest New York City  
A.B., Albion, 1906; B.D., Union Theo.  
Sem., 1912. *Philosophy*
- Johnson, Julius Munroe New York City  
(n.m.) A.B., Harvard, 1900. *Zoology*
- Johnston, Emily Lydia New York City  
A.B., Minnesota, 1904. *Social Economy*
- Johnston, Gertrude Marie Weehawken, N. J.  
Ph.B., Vermont, 1906; A.M., Michigan,  
1909. *Spanish*
- Jones, Edith Tompkins White Plains, N. Y.  
A.B., Vassar, 1906. *French*
- Jones, Edwin Chester Foochow, China  
(n.m.) A.B., Wesleyan, 1904; A.M., Yale,  
1911. *History, Chemistry*
- Jones, Olin McKendrie New York City  
A.B., Beloit, 1909. *Philosophy*
- Josey, Charles Connant Scotland Neck, N. C.  
A.B., Wake Forest, 1913. *Philosophy*
- Journey, Rockwell Cresap Columbia, Mo.  
A.B., Missouri, 1912, A.M., 1913. *Politics, Public Law*
- Jud, Fridoline Catharine Jersey City, N. J.  
B.S., 1912; A.M., 1913. *Geology*
- Judge, Gladys Mary New York City  
A.B., New Rochelle, 1916. *English*
- Judson, Roxane Langellier Montclair, N. J.  
A.M., 1917; Ph.B., Chicago, 1902. *History*



- Kafka, Viola Rita New Haven, Conn.  
(n.m.) *Social Economy*
- Kahn, Norton Charles New York City  
B.S., Cornell, 1916. *Bacteriology*
- Kakiucki, Samuro Tokio, Japan  
M.D., Tokio, 1907, Ph.D., 1910. *Zoology*
- Kalman, Lasser New York City  
A.B., C. C. N. Y., 1910; A.M., Wisconsin, 1912. *Economics*
- Kaplan, Benjamin D. New York City  
A.B., C. C. N. Y., 1916. *Social Economy*
- Kaplan, Isaac F. New York City  
A.B., C. C. N. Y., 1916. *French*
- Kaplan, Julius New York City  
A.B., 1914; A.M., 1915. *Semitics*
- Karshan, Maxwell New York City  
B.S., C. C. N. Y., 1917. *Chemistry*
- Kasai, Katsuya Tokio, Japan  
(n.m.) *Zoology*
- Katzin, Samuel New York City  
Ph.B., Brown, 1917; A.M., 1917. *Politics*
- Kauffman, Albert Wallace Gibsonia, Pa.  
A.B., Washington and Jefferson, 1916. *History*
- Kauffman, Henry Hackensack, N. J.  
A.B., 1914. *History*
- Kayden, Eugene Mark Boulder, Colo.  
A.B., Colorado, 1912; A.M., Harvard, 1913. *English*
- Kearney, Clytie Hazel Oregon, Mo.  
A.B., Missouri, 1912; B.S., 1912. *English, Comp. Literature*
- Kegerreis, Roy Bellevue, O.  
M.E., Ohio State, 1911; A.M., Harvard, 1916. *Physics*
- Kelly, Edythe Grace East Orange, N. J.  
B.S., 1914; A.M., 1915. *French*
- Kelley, John Alexander Lynchburg, Va.  
A.M., 1916; A.B., Emory and Henry, 1911. *German*
- Kelly, Thomas Patrick Yonkers, N. Y.  
A.M., 1915; A.B., C. C. N. Y., 1912. *Economics*
- Kemp, William C. B. New York City  
LL.B., 1896; A.B., 1900; LL.M., 1902; A.M., 1902; B.S., 1911. *International Law, Mineralogy, Mining*
- Kennedy, Walter Joseph New York City  
A.B., Dartmouth, 1915. *History*
- Kent, Helena Frances New York City  
B.S., 1917. *Mathematics*
- Kerr, William Campbell East Orange, N. J.  
A.B., Princeton, 1904; A.M., 1905. *Philosophy*
- Kester, Roy Bernard New York City  
A.B., Mo., Wesleyan, 1902. *Economics*
- Key, Cora Beale Washington, D. C.  
A.B., Goucher, 1911; B.Pd., New Mexico Normal 1913. *Psychology*
- Kieffer, George Linn Rosedale, L. I.  
A.M., 1915; A.B., Pennsylvania, 1909; B.D., Union Theo. Sem., 1914. *History*
- Keihl, Samuel Jacob New York City  
A.B., Otterbein, 1910. *Chemistry*
- Kilborne, Norman Joseph East Orange, N. J.  
A.M., 1917; A.B., Yale, 1915. *Philosophy*
- Kimball, Dudley Baldwin Boonton, N. J.  
A.B., Hamilton, 1915. *Philosophy*
- Kimball, Lilian Emma New York City  
A.B., Radcliffe, 1911. *French*
- Kimmel, Margaret Indianapolis, Ind.  
A.B., Indiana, 1911. *History*
- Kimura, Kazunobu New York City  
(n.m.) *Zoology*
- Kings, Myrth Ernestine Greeley, Colo.  
A.B., Colorado, 1913. *History*
- Kitano, Heichiro Osaka City, Japan  
(n.m.) *Economics*
- Knapp, Charles Merriam New York City  
A.B., 1914; A.M., 1915. *History*
- Kneeland, Hildegard New York City  
A.B., Vassar, 1911. *Sociology*
- Knickerbocker, Edwin Van Berghen New York City  
A.B., C. C. N. Y., 1900. *English*
- Knickerbocker, William Skinkle New York City  
A.B., 1917. *English, Comp. Literature*
- Kobayashi, Yataro Tokio, Japan  
B.S., Tulane, 1917. *Politics*
- Kolbe, Anita Denver, Colo.  
A.B., Denver, 1907. *German*
- Kondo, Frank Nobtaro Japan  
A.B., South California, 1916. *Sociology*
- Koon, Edith Lansing Portland, Me.  
A.B., Wellesley, 1911. *Greek*
- Korns, John Hamilton Mt. Victory, O.  
A.B., Ohio Wesleyan, 1904; B.S., Chicago, 1906; M.D., Rush Medical, 1909. *Bacteriology*
- Kowalsky, Louis New York City  
*German*
- Kozaki, Michio Tokio, Japan  
A.B., Oberlin, 1917. *International Law, Public Law*
- Kramer, Sidney David New York City  
B.S., C. C. N. Y., 1914. *Chemistry*
- Krasnow, Frances New York City  
B.S., 1917; A.M., 1917. *Biology*
- Krempovsky, Theodore Vasilievich Caucasus, Russia  
(n.m.) *Chem. Engineering*
- Kreykenbohm, Caroline Mt. Vernon, N. Y.  
B.S., 1914; A.M., 1916. *Spanish, Education*
- Kreykenbohm, Dora Mt. Vernon, N. Y.  
(n.m.) B.S., 1917. *Philosophy*
- Krigel, Hershon Tanchoum New York City  
(n.m.) D.S., Liege, 1914. *Chemistry*

- Kugelmass, Isaac Newton New York City  
B.S., C. C. N. Y., 1917. *Chemistry*
- Kupfer, Walter Scott Leonia, N. J.  
B.S., 1913; A.M., 1915. *Indo-Iranian*
- Kurtz, Charles Frederick Iowa City, Ia.  
A.B., Highland Park, 1912; A.M., Iowa State  
1914. *Economics, Business*
- Lackey, Alexander McKinley Portland, Ore.  
A.B., Reed, 1916. *English*
- Lagendorph, Margaret Alice  
Poughkeepsie, N. Y.  
A.M., 1915; A.B., Vassar, 1914. *French*
- Laipple, Louise Iowa Falls, Ia.  
A.B., Elsmont, 1917
- Lambert, Paula C. New York City  
*Social Economy*
- Lamont, Richard Roy West Somerville, Mass.  
A.B., Tufts, 1912; A.M., 1917. *Music, French*
- Lamprecht, Sterling Power Cleveland, O.  
A.B., Williams, 1911; A.M., Harvard, 1912;  
B.D., Union Theo. Sem., 1915. *Philosophy*
- Lamson, Robert Ward Amherst, Mass.  
A.M., 1917; B.S., Mass. Agri., 1912. *Bacteriology*
- Lancefield, Donald Elwood Amity, Ore.  
A.M., 1917; A.B., Reed, 1915. *Zoology, Bacteriology*
- Landman, Jacob Henry New York City  
(n.m.) *History*
- Landon, Mary Louise Bordentown, N. J.  
A.M., 1914; A.B., Vassar, 1907; *Chemistry*
- Landy, George New York City  
A.B., C. C. N. Y., 1912. *Social Economy*
- Lane, Lillian Mary Buffalo, N. Y.  
Ph.B., Chicago, 1905. *English*
- Lang, Herbert O. New York City  
(n.m.) *Zoology*
- Langston, Loyd Helvetius St. Louis, Mo.  
A.B., Marysville, 1913. *Economics, Business*
- Larsen, Karen Sioux Falls, S. D.  
A.B., Wisconsin, 1905. *History*
- Leary, Fred Purcell Paterson, N. J.  
A.B., N. Y. Univ., 1909. *History*
- Leary, George (Mrs.) New York City  
(n.m.) *Philosophy*
- Lee, Charles Y. Honan, China  
A.M., 1917. *Public Law*
- Lee, Mabel Tienhua Kwangtung, China  
A.B., 1916; A.M., 1917. *Economics*
- Lee, Porter Raymond New Rochelle, N. Y.  
A.B., Cornell, 1903. *Social Economy*
- Leffingwell, Georgia William Hartford, Conn.  
A.B., Vassar, 1913; A.M., 1915. *History*
- Leiper, Henry Smith Blauvelt, N. Y.  
A.M., 1917; A.B., Amherst, 1913. *Philosophy*
- Leland, Frank Kimball New York City  
A.B., Johns Hopkins, 1914. *Comp. Literature*
- Lena, Fred Thomas Yonkers, N. Y.  
A.M., 1915; A.B., Dartmouth, 1907. *Economics*
- Leo, Shoo Tze Hupeh, China  
B.S.E., Michigan, 1917. *Chem. Engineering, Chemistry*
- Leon, Rosa New York City  
(n.m.) *German*
- Lessel, Erma Mae Butte, Mont.  
B.S., Montana, 1916. *Chemistry*
- Lessing, Edna New York City  
A.B., Hunter, 1915. *English*
- Leuchs, Fritz A. H. New York City  
A.B., 1907; A.M., 1908. *German*
- Levinson, George M. New York City  
B.S., C. C. N. Y., 1904. *Mathematics*
- Levonian, Puzant S. West Hoboken, N. J.  
B.D., Hartford Theo. Sem., 1914. *Sociology*
- Levowitz, Anna New York City  
A.B., Hunter, 1914. *English*
- Levy, Charlotte New York City  
A.B., Hunter, 1914. *History*
- Liang, Chi Tai Canton, China  
A.B., Wisconsin, 1914. *Politics*
- Libbin, Thomas Justin New York City  
A.B., Leland Stanford, Jr., 1909. *Philosophy*
- Licht, Herbert O. New York City  
A.B., C. C. N. Y., 1916. *German*
- Lichtenstein, Morris Troy, N. Y.  
A.B., Cincinnati, 1916. *Psychology*
- Lifton, Harold A. New York City  
*History*
- Lin, Homin Leopold Foochow, China  
A.M., 1917. *Politics, Economics*
- Lincoln, Myrtie Louise Cleveland, O.  
(n.m.)
- Lindamood, Katharine Columbus, Miss.  
A.B., Agnes Scott, 1917. *English*
- Lindsay, Katharine Baltimore, Md.  
A.B., Goucher, 1909. *Economics*
- Ling, Sze-Moo Chekiang, China  
B.S., Peking, 1917. *Metallurgy*
- Little, Ernest New York City  
B.S., Rochester, 1911; M.S., 1913. *Chemistry*
- Liu, Tien Tow Changsha, China  
B.S., 1917. *Public Law*
- Ljunggren, Robert Gustavus Daniel  
Westerleigh, N. Y.  
A.B., Brown, 1917. *Greek, Latin*
- Lockwood, Helen Washington, D. C.  
A.B., Wellesley, 1917. *History*
- Long, Cedric New York City  
A.B., Harvard, 1913. *Philosophy*
- Lonigan, Mary Edna New York City  
A.B., 1916. *Social Economy*
- Loop, Mabel Frances Los Angeles, Cal.  
A.B., Stanford, 1915; A.M., 1916. *English*
- Lopez, Marta deG. E. San Gabriel, Cal.  
B.S., California, 1903. *Spanish*

- Lord, Margaret Wallace Los Angeles, Cal.  
A.B., Redlands, 1915. *History*
- Lovejoy, Deborah Eliza Cambridge, Mass.  
A.B., Smith, 1898. *Latin*
- Lovering, Maud Findlay, O.  
Ph.B., Oberlin, 1899. *Biology, Zoology*
- Lowendes, Beatrice Mt. Vernon, N. Y.  
A.B., 1917. *History*
- Lowther, Florence deLoiselle New York City  
A.B., 1912; A.M., 1915. *Zoology*
- Lu, Shi Yung Yunnan, China  
A.B., 1918. *Economics*
- Lubell, Albert J. New York City  
*English*
- Lummis, Jessie Isa Cheyenne, Wyo.  
A.B., Illinois, 1902. *Sociology*
- Luria, Max Aaron New York City  
*Spanish*
- Luttan, Isaac Henry New York City  
B.S., Missouri, 1916. *Economics*
- Lyder, Ernest E. Bartlesville, Okla.  
B.S., Kansas, 1913; M.S., 1914. *Chemistry*
- Lynch, Clara Julia Canton, O.  
A.M., 1912; B.L., Smith, 1903. *Zoology*
- Lyons, Luella Ruth New York City  
A.B., Hunter, 1916. *Mathematics, Education*
- McAuliffe, Mary Agnes New York City  
A.B., Hunter, 1916. *Mathematics*
- McClintock, Euphemia E. Boston, Mass.  
A.B., Goucher, 1893; A.M., Chicago, 1916. *Philosophy*
- McCraven, Bonner Nichols New York City  
A.B., Univ. of the So., 1910. *Philosophy*
- McCready, John Dudley Winchester, Ky.  
*Philosophy*
- McGee, John Edwin Knoxville, Tenn.  
A.B., Tennessee, 1917. *English*
- McGiffert, Arthur Cushman, Jr., New York City  
A.B., Harvard, 1913; B.D., Union Theo. Sem., 1917. *History*
- McIntosh, Martha Fraser Worcester, Mass.  
A.B., New Brunswick, 1896; A. M., 1900. *English*
- McKay, Betsey Philadelphia, Pa.  
A.B., Wisconsin, 1917. *English*
- McKee, Elva L. New York City  
A.B., Wellesley, 1913. *Chemistry*
- McKelvey, Ruth New York City  
A.B., 1916. *Philosophy*
- McMinn, Reba Uarda Childress, Tex.  
A.B., Southern Methodist, 1916. *English*
- McPherson, William Watson Newark, N. J.  
A.B., Manitoba, 1915. *History*
- Macdonald, Wilson Westfield, N. Y.  
A.B., Amherst, 1915. *Philosophy*
- Macfadgen, Anna Stephenson (Mrs.) Philadelphia, Pa.  
B.S., Temple, 1916. *Social Economy*
- MacIntosh, Anna New York City  
A.B., McMaster, 1908. *Sociology*
- Mair, George New York City  
A.B., Harvard, 1916. *Philosophy*
- Malloch, Alta Maud Villisca, Ia.  
Ph.B., Parsons, 1908. *Latin*
- Mallory, Virgil Sampson North Bergen, N. J.  
A.B., 1914. *Mathematics*
- Malzberg, Benjamin New York City  
A.M., 1917; B.S., C. C. N. Y., 1915. *Social Economy*
- Mankiewicz, Herman Jacob New York City  
A.B., 1916. *English*
- Manning, Clarence Augustus New York City  
A.B., 1912; Ph.D., 1915; A.M., Johns Hopkins, 1913. *Slavonic*
- Mantero, Carlos Belard Lisbon, Portugal  
*Economics*
- Marcus, Lawrence New York City  
B.S., 1917. *Psychology*
- Marcus, Miriam New York City  
A.B., Hunter, 1914. *English*
- Mardigian, Mihran Hovhannes Jersey City, N.J.  
M.D., Iowa State, 1913. *Sociology*
- Mariano, John Horace New York City  
A.B., 1916. *Sociology*
- Markowitz, Bertha New York City  
A.B., Hunter, 1915. *History*
- Marquess, Eliza Buckner New York City  
A.B., 1917. *Sociology*
- Marsh, Albert A. (Mrs.) Oberlin, O.  
A.M., 1917; A.B., Sweet Brier, 1915. *Sociology*
- Martin, Charles Emanuel Santa Ana, Cal.  
B.L., California, 1914; A.M., 1916. *International Law, Jurisprudence*
- Maruyama, Kazuteru Fukuushima, Japan  
B.D., Meadville, Theo. Sem., 1916. *Sociology*
- Mathews, Ellen Los Angeles, Cal.  
A.B., Stanford, 1902. *Psychology*
- Mathews, Julia Los Angeles, Cal.  
A.B., Leland Stanford, 1901. *Psychology*
- Matsui, Kenkichi Kyoto, Japan
- Matsumo, Kinai Gifu, Japan  
B.E., Keio, 1915. *Economics, Business*
- Maxey, Chester Collins Corvallis, Ore.  
A.B., Whitman, 1912; A.M., Wisconsin, 1914. *Politics, Public Law*
- Maxwell, Lloyd William Sparks, Okla.  
A.M., 1916; A.B., Oklahoma, 1912. *Economics*
- Mayer, Clara Voolie New York City  
A.B., 1915. *Philosophy*
- Mayer, Joseph R. New York City  
A.B., Southwestern, 1911; A.M., Harvard, 1913
- Mayer, Theresa New York City  
A.B., 1911; A.M., 1913. *Anthropology*

- Maynard, John Albert New York City  
Ph.B., Paris, 1907; A.M., Chicago, 1914;  
Ph.D., 1916. *Semitics, History*
- Mazur, William Mortimer, Montreal, Canada  
A.B., McGill, 1917. *Public Law, Politics, Jurisprudence*
- Mead, Gilbert Wilcox Perryville, Mo.  
A.M., 1916; A.B., Allegheny, 1911. *English*
- Meason, Gilbert L. New York City  
B.S., C. C. N. Y., 1914. *History*
- Medary, Bess Huestis Waukon, Iowa.  
A.B., Cornell, 1915. *Sociology*
- Mellinger, Henry E. Ridgefield, N. J.  
A.B., Brown, 1899. *English*
- Mengel, Arthur Robert Reading, Pa.  
(n.m.) *English*
- Menzi, Ernest Ummel New York City  
Ph.B., Berea, 1893. A.M., Wisconsin, 1914.  
*French*
- Meras, Edmond Albert New York City  
A.B., C. C. N. Y., 1917. *English*
- Merrill, Ray Lawrence Malone, N. Y.  
A.B., Colgate, 1914. *Social Economy*
- Messenger, Ruth Ellis New York City  
A.B., Hunter, 1905; A.M., Illinois, 1911.  
*History*
- Metz, Dorothy A. Sherman, Tex.  
A.B., Leland Stanford, Jr., 1917. *Economics*
- Meyer, Bernard New York City  
A.B., C. C. N. Y., 1913. *Economics*
- Meyer, Carl Ludwig Wilhelm New York City  
A.M., 1912; A.B., Michigan, 1910. *International Law*
- Michener, Anna Marguerite Bendersville, Pa.  
A.B., Swarthmore, 1916. *Politics*
- Miles, Dorothy Isabel San Francisco, Cal.  
A.B., California, 1917. *Economics*
- Miller, Christine Currie Newburgh, N. Y.  
Ph.B., Syracuse, 1908. *Public Law*
- Miller, Henry Scott Richmond, Ind.  
A.B., Earlham, 1915. *English*
- Miller, Isabelle Milwaukee, Wis.  
A.B., Bryn Mawr, 1911. *French*
- Miller, Mary Georgianna New Haven, Conn.  
B.S., Iowa State, 1913; M.S., 1916. *Mathematics*
- Miner, Louise May Bristolville, O.  
B.S., 1914. *English*
- Minrow, Maude Elizabeth Emporia, Kan.  
(n.m.) A.B., Kansas State Normal, 1910.  
*History*
- Mirsky, Miriam E. New York City  
A.B., 1916. *History*
- Mitchell, Graham John Eugene, Ore.  
A.M., 1913; B.S., Oregon, 1912. *Geology*
- Mitchell, Thomas Johnson Bayonne, N. J.  
B.S., Davidson, 1917. *Social Economy*
- Moore, Alexander Parks Astoria, L. I.  
A.B., 1912; A.M., Wisconsin, 1914. *French*
- Moore, Robert Jerome Hoboken, N. J.  
A.M., 1917; B.S., Cooper Union, 1915.  
*Chemistry*
- Moran, Marion Fidelis New York City  
A.B., Hunter, 1917. *Economics*
- Morehouse, Margaret Danville, Ill.  
A.B., Vassar, 1905. *History*
- Morgan, Jerome John Maplewood, N. J.  
B.S., Pennsylvania State, 1905; M.S., 1910.  
*Chem. Engineering*
- Morgan, William Edgar New York City  
A.B., Syracuse, 1915. *Chemistry*
- Morgan, John Allen Mebane, N. C.  
A.B., Trinity, N. C., 1906; A.M., 1908.  
*Social Economy*
- Morgan, William Joseph Mt. Holly, N. J.  
B.D., Crozer, 1912. *Philosophy*
- Morley, Agnes Cecilia New York City  
A.B., Hunter, 1917. *Mathematics*
- Morrell, Jac Cyrus New York City  
B.S., Cooper Union, 1916. *Chemistry*
- Morris, Frederick K. New York City  
A.M., 1910; B.S., C. C. N. Y., 1904. *Geology*
- Morris, Homer Lawrence New York City  
A.B., Earlham, 1911. *Politics*
- Morrison, David Herron New York City  
A.B., Wooster, 1909. *Psychology*
- Moser, Walter Lysander Butler, Pa.  
(n.m.) A.B., Grove City, 1915. *English*
- Moses, Rosalind Louise Mt. Vernon, N. Y.  
A.B., Wellesley, 1916. *Bacteriology*
- Mott, Frank Luther New York City  
Ph.B., Chicago, 1907. *English*
- Moysey, Mildred Kelley North Yakima, Wash.  
A.B., Western Reserve, 1907. *Social Economy*
- Muldorf, Samuel Bernard New York City  
A.B., C. C. N. Y., 1916. *Latin*
- Mullins, Hazel Provence New York City  
A.B., Baylor, 1906. *Spanish*
- Munro, Thomas New York City  
A.B., 1916; A.M., 1917. *Philosophy*
- Muravchik, Rachel Belkin New York City  
A.M., 1913; B.S., Funduklee, 1903. *Anthropology*
- Murgotten, Francis Clark San Francisco, Cal.  
A.B., Stanford, 1901; A.M., 1908. *Semitics*
- Murphy, Anna Blanche New York City  
B.S., 1916; A.M., 1917. *Comp. Literature, English*
- Murphy, Henrietta I. New York City  
A.B., Hunter, 1917. *History*
- Murphy, Robert Cushman New York City  
Ph.B., Brown, 1911. *Zoology*
- Murray, Eleanor Nona Washington, D. C.  
*English*
- Mussaesus, Marie G. New York City  
A.M., 1915; A.B., Smith, 1906. *French*
- Mygatt, Tracy Dickinson New York City  
A.B., Bryn Mawr, 1909. *English*

- Nahon, Zarita Edgemere, L. I. Owaki, Masamichi Kioto, Japan  
A.M., 1912; A.B., Hunter, 1910. *French, Spanish* (n.m.) B.L., Doshisha, 1916. *Economics*
- Nakamura, Masajiro Tokio, Japan Packard, J. Roy Monmouth, Me.  
(n.m.) *Chemistry* A.B., Bates, 1914. *History*
- Nakao, Yoshito Jiusuke Yamaguchi, Japan Padilla, Sabino Manila, P. I.  
A.B., Washington, 1913. *Economics* L.L.M., 1917; A.B., Manila, 1911; LL.B., Philippines, 1915. *Jurisprudence*
- Nammack, Elizabeth Frances New York City Paige, Beryl Holmes Amherst, Mass.  
A.B., 1895; A.M., 1896. *Latin* A.M., 1917; A.B., Mt. Holyoke, 1911. *Bacteriology*
- Nebel, Gustav Theodore New York City Palmer, Anna Clark Wooster, O.  
A.B., C. C. N. Y., 1917. *German* Ph.B., Wooster, 1911. *Spanish*
- Neer, Imogene Paterson, N. J. Palmer, Maud Alice Pittsburgh, Pa.  
A.B., 1916. *English*
- Nelson, Charles William New York City Parsons, Alice Tullis Lord New York City  
A.B., Temple, 1916. *Sociology* A.M., 1915; B.L., Smith, 1897. *English, French*
- Nelson, Laura Helen Chautauqua, N. Y. Parsons, Charles Howard Cape Charles, Va.  
A.B., Michigan, 1913. *History* A.B., Virginia, 1911; A.M., 1913. *Mathematics*
- Newman, Louis Israel San Francisco, Cal. Pasternak, Jesse New York City  
A.B., Brown, 1913; A.M., California, 1917. *Semitics* B.S., C. C. N. Y., 1911. *Physiology*
- Newman, Ruth Bridgehampton, L. I. Patterson, Robert Lect Allegheny Co., Pa.  
A.B., Bryn Mawr, 1915. *History* A.B., Hamilton, 1917. *Indo-Iranian*
- Newton, Eleanor Butler Norwich, N. Y. Patterson, William Morrison New York City  
A.B., Wellesley, 1917. *Chemistry* Ph.D., 1916. *Russian*
- Nichols, Ethel Daveneille Austin, Tex. Patz, Gustav Newark, N. J.  
A.B., Texas, 1917. *English* A.B., Rutgers, 1917. *German*
- Nishi, Kiichi Wakayamaken, Japan Pearson, Lucien Dean New York City  
*English* A.B., Williams, 1914. *Semitics*
- Nishimura, Makoto Shinano, Japan Pease, Halley Anna New York City  
*Botany* A.B., Northwestern, 1910. *History*
- Nitchie, Elizabeth New York City Peck, Walter Edwin New Rochelle, N. Y.  
A.B., 1910. *English* A.B., Hamilton, 1913; A.M., 1913. *English*
- Noback, Charles Victor New York City Peckham, Beulah Alethea Columbia, Mo.  
*Bacteriology* A.B., Missouri, 1916; B.S., 1916. *English*
- Noland, Leila New York City Peirce, Mrs. William Foster Gambier, O.  
A.B., Smith, 1914. *Chemistry* (n.m.) A.B., Vassar, 1888. *Latin*
- Noll, Anna New York City Penningroth, Louis Philip Tipton, Ia.  
A.M., 1917; A.B., Hunter, 1916. *History* A.B., Iowa, 1913. *Philosophy*
- Northcott, Clarence Hunter New York City Percy, Harriet Carolyn New York City  
A.B., Sydney, 1905; A.M., 1916. *Sociology* A.B., Wellesley, 1912. *English*
- O'Brien, Abigail Utica, N. Y. Perla, Leo New York City  
A.B., Cornell, 1902. *Zoology* A.B., 1917. *Politics*
- Odate, Gjoju Oiso, Japan Pettigrew, Bessie Flandreau, S. D.  
B.S., N. Y. Univ., 1917. *Economics* A.B., Wisconsin, 1906. *English*
- Odell, Louis S. New York City Pfiffner, John McDonald Emmetsburg, Ia.  
*Mathematics* A.B., Iowa, 1916; A.M., 1917. *Public Law, History*
- Ohl, Rosina New York City Pierce, Charles Edward Los Angeles, Cal.  
*German* A.B., South California, 1917. *Physics, Electrical Engineering*
- Olgin, Moissaye Joseph New York City Pike, Alice Marion Wakefield, Mass.  
*Economics* A.B., Mt. Holyoke, 1917. *Politics, Economics*
- O'Neil, Alexander Joseph New York City Pike, Mary Elizabeth New York City  
A.B., C. C. N. Y., 1916. *English* A.B., Cornell, 1917. *Economics, Business*
- Osborne, Mary Louise (Mrs.) New York City Plotkin, Benjamin New York City  
A.B., Wilson, 1906; A.M., Stanford, 1913. *English* A.B., C. C. N. Y., 1917. *History*
- Ostrander, Jessie M. Kalamazoo, Mich.  
A.B., Michigan, 1910. *Psychology, Education*
- Otis, Margaret New York City  
A.B., Cornell, 1893; Ph.D., 1906. *Psychology*

- Post, Emil Leon New York City  
B.S., C. C. N. Y., 1917. *Mathematics*
- Powell, Elias Madison, Wis.  
A.B., Wisconsin, 1917. *Economics*
- Powell, Nancy Huff White Plains, Va.  
(n.m.) B.S., 1911; A.M., 1915; A.M., South  
Carolina, 1914. *Latin, Greek*
- Pratt, Marion Syracuse, N. Y.  
A.B., Cornell, 1900; A.M., Syracuse, 1902.  
*Latin*
- Primm, W. Rogers Springfield, Mo.  
A.B., Drury, 1917. *Economics, Politics*
- Prince, Ethel Anderson Yonkers, N. Y.  
A.B., Vassar, 1915. *Psychology*
- Prink, Susan Smith New York City  
A.B., Hunter, 1916. *History*
- Pritchard, Emilie Rowena New York City  
A.M., 1916; A.B., Hunter, 1914. *Philosophy*
- Pulvermacher, William Dean Flushing, L. I.  
A.M., 1917; A.B., C. C. N. Y., 1900; LL.B.,  
N. Y., Law., 1908. *Physiology*
- Pyle, Eleanor Jersey City, N. J.  
A.B., Vassar, 1917. *Bacteriology*
- Quackenbush, Elizabeth Red Oak, Ia.  
A.M., 1913; Ph.B., Wisconsin, 1912; Ph.M.,  
1912. *History*
- Quackenbos, Katharine New York City  
A.B., 1917. *French*
- Rabinowitz, Benjamin Alexander New York City  
A.M., 1917; A.B., N. Y. Univ., 1916. *Greek*
- Rabinowitz, Joshua New York City  
B.S., C. C. N. Y., 1917. *Philosophy*
- Rafferty, Ruth Sherburne Methuen, Mass.  
A.B., Mt. Holyoke, 1915. *Sociology*
- Randolphe, Harriet Philadelphia, Pa.  
(n.m.) A.B., Bryn Mawr, 1889. Ph.D.,  
Zürich, 1892. *Spanish*
- Raphael, Arthur New York City  
(n.m.) A.B., C. C. N. Y., 1917. *English*
- Rapp, Paul Louis New York City  
A.B., 1909; A.M., 1910. *Social Economy*
- Rashleigh, William John Aurora, Minn.  
(n.m.) B.S., Michigan Mines, 1896; E.M.,  
1896. *Geology*
- Ray, Benjamin Franklin Buffalo, Kan.  
A.B., Baker, 1912; B.D., Drew Theo. Sem.,  
1916. *Sociology*
- Ray, Frederick Short Hills, N. J.  
A.M., 1913. *Mathematics, Physics*
- Raynor, Nina Frances Carbondale, Pa.  
A.B., Vassar, 1905; A.M., 1906. *Latin*
- Reed, Rachel Morristown, N. J.  
A.B., Mt. Holyoke, 1915. *History*
- Reiffer, Elizabeth Barbara New York City  
A.B., Hunter, 1917. *German*
- Reilly, John J. New York City  
A.B., Fordham, 1916. *Economics*
- Replogle, Bessie Grinnell, Ia.  
A.B., Grinnell, 1915. *Psychology*
- Restrepo, Jose Maria New York City  
(n.m.) A.B., Colegio Mayor de Nuestra Senora  
del Rosario, 1912. A.M., 1915. *Economics*
- Rhodes, Clara Lawton Rome, Ga.  
A.M., 1910; A.B., Sporter, 1892. *English*
- Rice, John Winter Williamsport, Pa.  
B.S., Bucknell, 1914; M.S., 1915. *Bacteri-  
ology, Physiology*
- Rice, Marion New York City  
B.S., Mass. Inst., Tech., 1914. *Geology*
- Rice, Stuart Arthur New York City  
A.B., Washington, 1911; A.M., 1913. *Soci-  
ology*
- Rich, Chester Laconnt West Medford, Mass.  
A.B., Boston, 1915; A.M., 1916. *Social  
Economy*
- Richards, Katharine Lambert South Orange, N. J.  
A.B., Smith, 1913. *Sociology*
- Richardson, Charles Howard New York City  
A.B., Stanford, 1912; M.S., Harvard, 1913.  
*Bio-Chemistry*
- Rippey, Elizabeth M. Geneva, N. Y.  
A.B., Mt. Holyoke, 1905. *Comp. Literature*
- Rittenberg, Beatrice Helen New York City  
(n.m.) A.B., 1916. *Philosophy*
- Roberts, George H. Boston, Mass.  
*Music*
- Roberts, Helen Heffron Chicago, Ill.  
*Anthropology*
- Robertson, Lucile Wolcott, N. Y.  
A.B., Wellesley, 1908. *History, Sociology*
- Robinson, Herbert Spencer New York City  
A.B., N. Y. Univ., 1914. *English*
- Rogers, Elizabeth Sarah New Britain, Conn.  
A.B., Wellesley, 1915. *Economics*
- Rogers, Isabel Clove Wheeling, West Va.  
A.B., Lake Erie, 1917. *Zoology*
- Rohr, Florence Myers New York City  
A.B., Brencin, 1913. *French*
- Roll, Rose New York City  
A.B., Hunter, 1909. *Mathematics*
- Roller, George Herbert New York City  
A.B., Northwestern, 1910. *Economics*
- Rose, Gertrude Hazelton (Mrs.) Norwichtown, Conn.  
A.B., Colby, 1911. *Public Law, History*
- Rosenstein, David New York City  
B.S., C. C. N. Y., 1916. *Philosophy*
- Rosenthal, Jerome New York City  
A.M., 1907. *Philosophy*
- Ross, Lazarus David New York City  
A.B., C. C. N. Y., 1914. *English*
- Rothman, Abraham Centerville Sta., N. Y.  
B.Litt., 1917. *Philosophy*
- Ruddick, Edna Adele Ridgewood, N. J.  
A.B., Wilson, 1914. *Sociology*
- Ruff, Olga Clementine New York City  
A.B., Hunter, 1916. *German*

- Ruhl, Alma Gladys New Rochelle, N. Y.  
A.B., 1917. *History*
- Rumball, Clara Morris (Mrs.) New York City  
A.B., Colorado, T. C., 1911. *French*
- Rusk, Hester Mary New York City  
A.B., 1912; A.M., 1917. *Botany*
- Russell, Frances Theresa (Mrs.)  
Stanford, Cal.  
A.B., Iowa State, 1895. *English*
- Russell, George Oscar New York City  
A.B., Brigham Young, 1916. *Phonetics*,  
*French, Comp. Literature*
- Ryder, Mary Elizabeth Andover, Mass.  
A.B., Oberlin, 1913. *English*
- Saidla, Leo E. A. New York City  
A.B., Wabash, 1909; B.D., Union Theo.  
Sem., 1912. *Philosophy*
- Sakamoto, Yoshiharu New York City  
A.M., 1916. *Economics*
- Samuels, Saul Simon New York City  
A.B., 1916. *Pathology*
- Sandal, Caroline Kahn New York City  
A.B., 1912. *French*
- Sands, Harold C. New York City  
(n.m.) B.S., Cornell, 1912. *Bacteriology*
- Sansbury, Marvin Orville Neosho, Mo.  
A.B., Drake, 1914. *Sociology*
- Sargent, Margaret Louise Ft. Worth, Tex.  
*German, French*
- Sato, Hiroshi Yamagoto, Japan  
A.B., Washington, 1917. *Politics, Economics*
- Sato, Saichi Tokio, Japan  
*Economics*
- Saunders, Sarah Johnson New York City  
A.B., West Virginia, 1901. *Indo-Iranian*
- Savage, Morris New York City  
B.S., N. Y. Univ., 1910. *Mathematics*
- Saxon, Louis R. New York City  
B.S., C. C. N. Y., 1916. *English*
- Schacter, M. Frank New York City  
B.S., 1912; A.M., 1913. *Chemistry*
- Schaffer, Ida Sara New York City  
A.B., Hunter, 1916. *Latin*
- Schelly, Ralph P. Philadelphia, Pa.  
B.S., Lafayette, 1909. *Chemistry*
- Schenck, Henry West Orange, N. J.  
Ph.G., Pharmacy, 1898. A.B., Harvard,  
1903. *Economics*
- Schenck, William Rapalyea Bayside, N. Y.  
A.B., 1917. *History, Economics*
- Schilpp, Paul Arthur Dumont, N. J.  
A.B., Baldwin Wallacc, 1916. *Philosophy*
- Schindler, Mathilde Poughkeepsie, N. Y.  
B.L., Sorbonne, 1906. *French*
- Schleiter, Frederick New York City  
Ph.B., Chicago, 1905. *Philosophy*
- Schluter, William Charles Lowden, Ia.  
A.M., 1916; A.B., Iowa State Teachers,  
1915. *Economics*
- Schneeweiss, Adolph Judah New York City  
A.B., Ohio State, 1916; A.M., 1917. *Philosophy*
- Schneider, Chayim New York City  
B.S., C. C. N. Y., 1917. *English*
- Schotland, Joseph Henry Newark, N. J.  
B.S., Cooper Union, 1916. C.E., Polytechnic  
Inst., 1917. *Mathematics*
- Schrader, Franz New York City  
B.S., 1914. *Zoology*
- Schroeder, John Charles New York City  
B.S., C. C. N. Y., 1917. *History*
- Schulte, Amanda Pogue Morsemere, N. J.  
A.B., 1916. *English*
- Schultz, Henry New York City  
A.B., C. C. N. Y., 1916. *Economics*
- Schussheim, Morris New York City  
B.S., C. C. N. Y., 1916. *History*
- Schutz, Berthe Catherine Nyon, Switzerland  
B.S., 1917. *French*
- Schwartz, Jerome David New York City  
A.B., Harvard, 1918. *English*
- Schweitzer, David James New York City  
A.M., 1913; B.S., C. C. N. Y., 1912. *Social  
Economy*
- Scully, Etta Gertrude New York City  
A.B., Hunter, 1916. *English*
- Seal, Harvey C. Meriden, Kan.  
A.M., 1915; A.B., Kansas State, 1914. *History*
- Searle, Clara Prentiss New York City  
A.B., Mt. Holyoke, 1895. *Sociology*
- See, Chong Su Amoy, China  
B.S., 1915; A.M., 1916. *Economics*
- Seidlin, Joseph Hurleyville, N. Y.  
B.S., 1915; A.M., 1916. *Mathematics*
- Sell, Lewis Lazarus New York City  
A.B., 1916; A.M., 1917. *Latin*
- Selman, Frances New York City  
A.B., Hunter, 1916. *Mathematics*
- Shaw, Mary Josephine Indianola, Ia.  
A.B., Simpson, 1914. *Philosophy*
- Sheets, Grace Columbus, O.  
B.S., 1917. *Chemistry*
- Sherwood, Margaret Merriam Cornwall, N. Y.  
A.B., Vassar, 1912. *French, Spanish*
- Shogenji, Kazu Tokio, Japan  
(n.m.) *Physics*
- Short, Lillian Mountain Grove, Mo.  
A.B., Drury, 1910. *Sociology*
- Shumaker, Margaret Ruth Milroy, Pa.  
A.B., Berea, 1914. *English*
- Shupp, Paul Frederick Hillsdale, Mich.  
Ph.B., Chicago, 1914. *History*
- Siegel, Michael New York City  
B.Chem., Cornell, 1915. *Chemistry*
- Siff, Louis Newark, N. J.  
A.B., N. Y. Univ., 1916. *History*
- Sigmond, Richard New York City  
B.S., Northwestern, 1908. *History, Economics*

- Silverman, Morris Columbus, O.  
A.M., 1917; A.B., Ohio State, 1916. *History*
- Simboli, Cesidio Galway, N. Y.  
A.M., 1917; A.B., Colgate, 1913. *History, Latin*
- Simons, Harold Lester New York City  
A.B., C. C. N. Y., 1917. *Chemistry*
- Singer, Katharine Hallowell, Damariscotter, Me.  
A.B., Colby, 1916. *French*
- Sloane, Laurence H. New York City  
A.B., De Pauw, 1912. *History*
- Smith, Anne May St. Johnsburg East, Vt.  
A.B., Mt. Holyoke, 1901. *English*
- Smith, Carl H. New York City  
A.M., 1917; A.B., C. C. N. Y., 1915. *Physiology, Bacteriology*
- Smith, Florence Nightingale Atlanta, Ga.  
A.M., 1916; A.B., Agnes Scott, 1913. *Social Economy*
- Smith, Howard Clifton Oshkosh, Wis.  
A.B., Indiana, 1913; A.M., 1914. *Public Law, Politics*
- Smith, Rebecca Washington Paducah, Ky.  
A.B., Kentucky, 1916. *English*
- Snider, Annie Maude Cortland, N. Y.  
Ph.B., Syracuse, 1905. *English*
- Snodgrass, Katharine Bloomington, Ind.  
A.B., Bryn Mawr, 1915. *Economics*
- Snow, Mary Louise Syracuse, N. Y.  
A.B., Cornell, 1903. *Comp. Literature*
- Sobel, Frances Bertha (Mrs.) New York City  
(n.m.) A.M., 1912; A.B., Hunter, 1911. *Philosophy*
- Solomon, Sarah Lea New York City  
(n.m.) A.B., Hunter, 1917. *History*
- Soskin, Lillian New York City  
A.B., 1915. *Business*
- Spahr, Margaret Princeton, N. J.  
A.B., Smith, 1914. *Politics*
- Sparks, Thomas Ayres New York City  
A.B., 1912; A.M., 1913; B.D., General Theo. Sem., 1913. *Sociology, Anthropology*
- Speer, Mary Elizabeth Sherman, Tex.  
B.L., North Texas, 1908; A.B., Texas State, 1911. *History*
- Spencer, Edith Emerson Los Angeles, Cal.  
A.B., Stanford, 1905. *Comp. Literature*
- Spickard, Julia Richland Center, Wis.  
A.B., Carroll, 1912. *Sociology*
- Spier, Leslie New York City  
B.S., C. C. N. Y., 1915. *Anthropology*
- Spohn, Adelaide Albertine Chicago, Ill.  
B.S., Chicago, 1908; M.S., 1913. *Physiology*
- Springhorn, Charles Edwin New York City  
A.B., 1917. *English*
- Squires, Benjamin Mark Washington, D. C.  
A.B., Wisconsin, 1913; A.M., 1914. *Economics*
- Staples, Thomas Starling Conway, Ark.  
A.M., 1915; Ph.B., Emory, 1904; A.M., Central, 1908. *History*
- Stauffer, Florence Virginia Newark, N. J.  
A.B., Bucknell, 1910. *German*
- Stauffer, John Casaius Ellensburg, Wash.  
B.S., Washington, 1915. *Chemistry*
- Stearns, Maude Wilson (Mrs.) New York City  
A.B., Nebraska, 1905; LL.B. Washington, 1917. *Economics, Sociology*
- Stebbins, Elizabeth Douglas New York City  
A.B., Adelphia, 1910. *Philosophy*
- Steenek, Adelheit-Meta New York City  
A.B., Hunter, 1916. *Mathematics*
- Stein, Miriam Henrietta New York City  
A.B., 1917. *Scandinavian*
- Steinberg, Robert Aaron New York City  
A.M., 1917; B.S., George Washington, 1914. *Botany*
- Steiner, William Howard New York City  
B.S., 1916; A.M., 1917. *Economics*
- Stern, Edna W. (Mrs.) New York City  
A.B., Radcliffe, 1913. *History*
- Stevens, Mary Sydney Scarsdale, N. Y.  
A.M., 1913; A.B., Adelphi, 1911. *Latin*
- Stewart, Alonzo Hamilton Philadelphia, Pa.  
M.D., Jefferson Med., 1892; A.B., Pennsylvania, 1916; A.M., 1917. *Sociology*
- Stewart, Geneva Grace Stockton, Cal.  
A.B., Leland Stanford, Jr., 1917. *Economics*
- Stickland, Georgina Ida New York City  
A.B., 1917. *Psychology*
- St. John, Burton Montclair, N. J.  
A.B., Northwestern, 1898; B.D., Drew Theo. Sem., 1902. *Economics*
- Stockder, Archibald Herbert Canon City, Col.  
A.B., Colorado, 1915; A.M., 1916. *Economics*
- Stone, Clarence George, Jr. Mt. Vernon, N. Y.  
E.E., 1915; A.M., 1916. *Physics*
- Stotsenburg, Mary Borden New Albany, Ind.  
A.B., Wellesley, 1917. *Sociology*
- Strang, Alice C. Walhalla, S. C.  
A.B., Chicara, 1905; A.M., South Carolina, 1913. *English*
- Strang, Frances Thornton Chattanooga, Tenn.  
A.B., Elmira, 1909. *English*
- Strauss, Emma Marion New York City  
A.B., Hunter, 1917. *Public Law*
- Studensky, Paul New York City  
*Politics*
- Su, Sing Ging Delaware, O.  
A.B., Ohio Wesleyan, 1917. *Sociology*
- Suchoff, Libbie New York City  
(n.m.) A.M., 1915; A.B., Hunter, 1911. *Philosophy*
- Sullivan, Louis Robert New York City  
A.B., Bates, 1914; A.M., Brown, 1916. *Anthropology*
- Summey, George, Jr. Raleigh, N. C.  
A.B., Southwestern, 1897. Ph.D., 1901. *English*



- Sutton, William Harry Paterson, N. J.  
B.S., Wesleyan, 1914. *Sociology*
- Suzuki, Seiji Shiznopaken, Japan  
*Psychology*
- Swain, Millicent Augusta Cleveland, O.  
A.B., Western Reserve, 1899. *English*
- Swartz, Philip Allen Forest Hills, L. I.  
A.B., Lafayette, 1910. *Russian*
- Sydney, Elias Charles New York City  
A.B., Brown, 1915. *Social Economy*
- Sylvania, Lena Evelyn Vincent  
New Bedford, Mass.  
A.M., 1914; A.B., Smith, 1912. *Spanish*
- Tadaru, Minobe Hyogoken, Japan  
(n.m.) LL.B., Doshisha, 1916. *Economics*
- Tai, En Chang Hong Kong, China  
A.B., St. John's, 1917. *Economics*
- Tai, En-Sai Hong Kong, China  
A.M., 1915; A.B., St. John's, 1913. *International Law*
- Taintor, Sarah Augusta Avon, N. Y.  
A.M., 1906; A.B., Elmira, 1898. *English*
- Tajima, Susumu Tokio, Japan  
B.D., Union Theo. Sem., 1906. *Philosophy*
- Taketomo, Torao New York City  
*English*
- Talmage, Irma Mt. Gilead, O.  
B.L., Ohio Wesleyan, 1902; A.B., Smith, 1903. *English*
- Tammen, Thomas Peter Nokomis, Ill.  
A.B., Wisconsin, 1916. *Philosophy*
- Tannenbaum, David Denver, Col.  
*Semitics*
- Tappan, Marjorie Englewood, N. J.  
A.B., Cornell, 1916. *Economics*
- Tateishi, Jizaemon San Francisco, Cal.  
A.B., Stanford, 1913. *Latin*
- Taylor, Joseph George New York City  
B.S., Hamilton, 1913. *Zoology*
- Taylor, Theodore Clinton Mt. Vernon, N. Y.  
Chem.E., 1915. *Chemistry*
- Tead, Ordway New York City  
A.B., Amherst, 1912. *Economics*
- Tendler, Alexander D. New York City  
B.S., N. Y. Univ., 1916. *Psychology*
- Terry, Lucretia Louise Buffalo, N. Y.  
(n.m.) *English*
- Tharaldson, Conrad Engerud Mayville, N. D.  
B.S., St. Olaf, 1907. *Zoology*
- Thayer, Mary Harrison Minneapolis, Minn.  
A.B., Smith, 1917. *Philosophy*
- Thomas, Anita New York City  
B.S., 1915. *Spanish*
- Thomas, Eleanor Walter Cheraw, S. C.  
B.S., 1913; A.B., Women's College, S.C., 1897; A.M., 1900. *English*
- Thomas, Grace Agnes Frederick, Md.  
(n.m.) A.B., Western Maryland, 1904; A.M., Michigan, 1911. *Sociology*
- Thomas, Kathryn Elise Oakland, Cal.  
A.B., California, 1916. *Social Economy*
- Thompson, Alice Ranney New York City  
A.M., 1911; B.S., California, 1906. *Chemistry*
- Thompson, Gena Sophia South Bend, Ind.  
Ph.B., Chicago, 1913. *English*
- Thompson, William Gordon New York City  
*Philosophy*
- Thornton, Jeanette Versailles, Ky.  
A.B., Randolph-Macon, 1914. *English*
- Thrall, Miriam Mulford New Haven, Conn.  
A.B., Wellesley, 1905. *English*
- Thun, Irma Margaret New York City  
A.B., Adelphi, 1917. *Chemistry*
- Thurstin, Henry Winfred New Milford, N. J.  
A.B., Dartmouth, 1886. *Social Economy*
- Tibbetts, Mary Powell (Mrs.) New York City  
A.B., 1916. *English*
- Tieman, Kate Huntington East Orange, N. J.  
A.B., 1911. *English*
- Tiffany, Jessie Goodwin Morristown, N. J.  
A.B., Brown, 1897. *Latin*
- Tokuyama, Sotaro Shizuoka, Japan  
B.S., Michigan, 1916. *Chemistry*
- Tomey, Arthur Maurice New York City  
A.B., Pennsylvania, 1916. *History*
- Tomimas, Shutaro Karatsu, Japan  
*Public Law, Jurisprudence*
- Tomlin, Stella Millicent New York City  
A.B., Adelphi, 1905. *Mathematics*
- Tong, Teh-Chang Yee-Cheng Hunan, China  
A.B., Illinois, 1917. *Politics*
- Tonks, Lewi New York City  
B.S., 1917. *Physics*
- Tooker, Katharine Elizabeth New York City  
A.B., Wilson, 1917. *English*
- Totten, Edith New York City  
A.B., Bryn Mawr, 1902. *Psychology*
- Tousley, Clare M. New York City  
A.B., Oberlin, 1911. *Social Economy*
- Townsend, Mary Evelyn Elizabeth, N. J.  
A.M., 1917; A.B., Wellesley, 1905. *History*
- Tracy, Grover Limbaro, Md.  
A.B., Pennsylvania, 1909. *Bio-Chemistry*
- Traylor, Olive Jasper, Ind.  
A.B., Indiana, 1904. *English*
- Truesdell, Horace Warner Washington, D. C.  
B.S., Wisconsin, 1916. *Botany*
- Tsow, Ming Swatow, China  
A.B., Oberlin, 1916. *Sociology*
- Tucker, Mary Denver, Col.  
A.B., Northwestern, 1910. *English*
- Tulchen, Lena New York City  
A.B., Hunter, 1915. *German*
- Turrell, Blanche Vincennes, Ind.  
A.B., Indiana, 1917. *English*
- Twiss, Wilfred Charles New York City  
A.B., South California, 1895; A.M., California, 1910. *Botany*

- Uhlenhuth, Edward New York City  
(n.m.) Ph.D., Vienna, 1909. *Chemistry*
- Unnewehr, Emory Carl Berea, O.  
B.S., in M.E., Purdue, 1909. *Physics*
- Untermeyer, Fannie E. New York City  
(n.m.) *History*
- Urban, Ladislav New York City  
A.M., 1917. *Music*
- Urban, Miriam Belle Cincinnati, O.  
A.M., Cincinnati, 1917. *History*
- Valis, Jan Amas New York City  
A.B., Baldwin-Wallace, 1914
- Van Pelt, Henry Warren Mt. Vernon, Ia.  
A.M., 1917; A.B., Cornell, 1915. *Economics*
- Van Wyck, William New York City  
A.B., South California, 1917. *English*
- Vazakas, Alexander Aristides New York City  
A.M., 1911; A.B., N. Y. Univ., 1904; B.D.,  
Union Theo. Sem., 1917. *Greek*
- Vexler, Feliciu New York City  
A.M., 1909; A.B., Lyceum, 1900. *French*
- Viault, Elsie Rosine Lake Mahopac, N. Y.  
A.B., Hunter, 1914. *Anthropology*
- Vogt, Jessie Mae Zanesville, O.  
(n.m.) A.B., Wooster, 1904. *English*
- Vroom, Marjorie Elizabeth New York City  
A.B., Hunter, 1916. *Biology*
- Wakefield, Ravenna Beck Cornersville, Tenn.  
A.B., Vanderbilt, 1915. *French*
- Walbridge, Frances Sylvia, Grand Rapids, Mich.  
A.B., Univ., of Michigan, 1911; M.A., 1912.  
*Psychology*
- Wales, Horatio, Jr. Polo, Ill.  
M.A., 1917; A.B., Amherst, 1915. *Chemistry*
- Walker, Florence Bayford, Va.  
A.B., Randolph-Macon, 1909; A.M., 1909.  
*Chemistry*
- Walker, Phyllis Portsmouth, Va.  
A.B., Goucher, 1917. *Social Economy, Sociology, Economics*
- Wallace, Mary Melissa Mercer, Pa.  
(n.m.) A.B., Grove City College, 1911.  
*English*
- Waller, Alice Page Nelson Stafford, Va.  
A.B., 1914. *History*
- Wang, Cheng Ninguta Kiriu, China  
M.A., 1917. *Economics*
- Wang, Chi Shan Kinkiong, China  
B.A., Menking Univ., 1907. *Philosophy*
- Wang, Hsi Chang Foochow, China  
B.S., Mass. Inst. of Tech., 1917. *Metallurgy, Mining*
- Wangshia, Chinifu Peking, China  
A.M., 1916. *Law*
- Wansker, Joseph South Boston, Mass.  
(n.m.) *Chemistry*
- Ward, Paul W. New York City  
A.M., 1916; A.B., Butler, 1914. *Philosophy*
- Wardell, Margaret Montgomery Cadillac, Mich.  
A.B., Oberlin, 1917. *Public Law*
- Ware, Amy Estill Bangor, Me.  
A.B., Bates, 1907. *Geology*
- Ware, Gertrude May Hingham, Mass.  
M.A., 1916; B.A., Wellesley, 1904. *Chemistry*
- Waterman, Willoughby Cyrus Spring Lake, N. Y.  
A.B., Syracuse, 1915. *Social Economy, Sociology*
- Watkins, Vida Mildred Kingman, Ariz.  
A.B., Leland Stanford, 1912. *Spanish*
- Wayman, Marguerite New York City  
A.B., Hunter, 1914. *Chemistry*
- Weber, Paul Hoboken, N. J.  
*German*
- Wechsler, Ralph New York City  
B.S., C. C. N. Y., 1916. *Chemistry*
- Weil, Mabel New York City  
A.B., 1916; A.M., 1917. *Physics, Mathematics*
- Weilerstein, Benedict Reuben New York City  
A.B., N. Y. Univ., 1917. *Philosophy, History*
- Weinberg, Aaron O. New York City  
A.B., C. C. N. Y., 1914. *Economics*
- Weiss, Pauline Marie Newark, N. J.  
B.S., 1912. *History*
- Weissman, Harold Bernard New York City  
B.S., C. C. N. Y., 1916. *Psychology*
- Weller, Le Roy Fort Plain, N. Y.  
A.M., 1906; A.B., Wesleyan, 1899. *Philosophy, Psychology*
- Wells, Bettina Borman New York City  
B.S., 1915; M.A., 1916. *Psychology*
- Wells, Henry Willis New York City  
A.B., Amherst, 1917. *English, History*
- Wells, Mary New York City  
A.B., Vassar, 1916. *Latin, Greek*
- Wembridge, Harry Aribert New York City  
A.B., Reed 1916. *Sociology, Anthropology, Economics*
- Wertheimer, Mildred Salz Kankanna, Wis.  
A.B., Vassar, 1917. *History, Public Law*
- Westall, Mary Asheville, N. C.  
A.B., Randolph-Macon, 1910
- Westcott, Penelope Shield Baltimore, Md.  
B.A., Wisconsin, 1916. *English*
- Weston, Arthur James East Orange, N. J.  
A.B., Lehigh, 1904; A.M., Yale, 1905.  
*English*
- Whipple, Caroline Alviva Schenectady, N. Y.  
A.B., Mt. Holyoke, 1901. *Sociology, Greek, History*
- Whitaker, Luella Nolic Colette Bellingham, Wash.  
B.S., 1917. *English*

White, Sarah Parker M.A., 1911; M.D., N. Y. Medical Coll., 1911. <i>Philosophy</i>	Saratoga, N. Y.	Wright, Luella M. B.Ph., Univ. of Iowa, 1903. <i>English, Edu- cation</i>	Cedar Falls, Ia.
White, William James B.A., Kenyon, 1917. <i>History, Sociology</i>	Blairsville, Pa.	Wuerch, Reinhold St. Oucens, Manitoba, Canada	
Whitfield, Mary Dunn <i>English</i>	New York City	A.B., Syracuse, 1917. <i>Public Law, Economics, History</i>	
Whiting, Claire Virginia B.S., Stetson Univ., 1907; M.S., 1908. <i>Romance Languages, English</i>	Providence, R. I.	Wunderlich, Elsa Pauline A.B., 1912; M.A., 1913. <i>Psychology, Neu- rology, Education</i>	New York City
Whitmore, Ethel Emma B.A., Lawrence Coll., 1916. <i>English, History</i>	Menasha, Wis.	Wyman, Mary Alice B.A., Wellesley, 1912. <i>English</i>	Damariscotta, Me.
Wikander, Elin A.M., 1916; A.B., Hunter, 1904; B.S., N. Y. Univ., 1907. <i>Philosophy</i>	New York City	Yacknowitz, Samuel Barnet B.S., C. C. N. Y., 1917. <i>Botany</i>	New York City
Wilkinson, Gerald Thomas A.B., Wabash, 1911; A.M., Harvard, 1912. <i>French</i>	New York City	Yarmolinsky, Abraham B.A., C. C. N. Y., 1916. <i>French, History, English</i>	New York City
Wilson, Frederick E. A.B., Oberlin, 1913. <i>German, French, Edu- cation</i>	New Castle, Pa.	Yasui, Sekiji A.B., Waseda Univ., 1907. <i>Economics</i>	Kochi, Japan
Wilson, Martin Luther A.B., Cornell, 1907. <i>History</i>	New York City	Yellen, J. Selig A.B., Michigan, 1913. <i>History, English Sociology</i>	Buffalo, N. Y.
Winkin, Cora Senner A.B., 1916. <i>Zoology, Chemistry, Physiology</i>	Morsemere, N. J.	Yotaro, Sering Philosophy	Niigutaken, Japan
Windman, Raphael A.B., C. C. N. Y., 1917. <i>French</i>	New York City	Young, Hilton D. A.B., Cornell (Iowa), 1917. <i>Psychology, Edu- cation, Sociology</i>	Foochow, China
Winston, Donald A.B., Williams, 1915. <i>Philosophy, Education</i>	Minneapolis, Minn.	Young, Ralph Chillingworth M.A., Syracuse, 1913. <i>Chemistry, Physics</i>	Grantwood, N. J.
Wolfson, Frances A.B., Hunter, 1917. <i>Economics, Public Law</i>	New York City	Younghem, Edith Carol A.B., Hunter, 1914. <i>English</i>	New York City
Wolfson, George A.B., C. C. N. Y., 1917. <i>English</i>	New York City	Yui, Stewart Erh Shuin (n.m.) A.B., Boone Univ., 1911; M.A., Princeton, 1917. <i>Public Law, Education</i>	Wuchang, China
Wolfson, Theresa A.B., Adelphi, 1917. <i>Economics, Sociology, English</i>	Ridgewood, N. Y.	Zeltner, Gustav Adolph (n.m.) <i>Classical Philology</i>	New York City
Wong, Yuen Su A.B., George Washington Univ., 1917. <i>Eco- nomics, Politics</i>	Canton, China	Zen, Hoong Chiung A.B., Cornell, 1916. <i>Chemistry, Chem. Engi- neering</i>	Szechuen, China
Wood, Edith Elmer (Mrs.) B.L., Smith, 1890. <i>Social Economy</i>	Washington, D. C.	Zimmerman, Joseph A.M., 1916; A.B., C. C. N. Y., 1915. <i>Psy- chology, Education</i>	New York City
Woodman, Sophie Parsons A.B., 1907. <i>Politics</i>	New York City	Zumwinkel, Alwine Caroline A.B., Univ. of Nebraska, 1912. <i>Sociology, Economics</i>	Utica, Neb.
Woodul, Lottie May B.A., Texas, 1917. <i>Mathematics, Physics</i>	Laredo, Tex.	Zyve, David M.S., Univ. of Grenoble, France, 1911. <i>Physics</i>	Paris, France
Woodward, Sarah Jones B.A., Wellesley, 1905; M.A., 1911. <i>Philos- ophy, Psychology</i>	Concord, N. H.		
Wooten, Benjamin Allen A.M., 1915; B.S., Alabama Poly. Inst., 1911; E.E., 1912. <i>Physics, Chemistry</i>	Auburn, Ala.		
Wright, Alexander Hallman A.B., Washington and Jefferson, 1898; A.M., 1901. <i>Chemistry</i>	New York City		
Wright, Harrison King M.A., 1901; A.B., Union, 1890; B.D., Union Theo. Sem., 1902. <i>Philosophy, Psychology, History</i>	New York City		

## SUMMARY

Students Primarily Registered under These Faculties	1054
Students from other Faculties of the University. Candidates for the Degree of A.M. or Ph.D.:	
From the School of Law	3

Grand Total

1057

# REGISTER OF STUDENTS

## SCHOOL OF ARCHITECTURE

### CANDIDATES FOR DEGREE (B. OF ARCH.)

Baker, John Louis	New York City
Senior in Columbia College	
Chang, Kuang Chi	Shanghai, China
Chen, Ghon Poy	Canton, China
Univ. of Michigan	
Everson, Duane Reginald	New York City
A.B., Columbia, 1916	
Gail, Helen Mary	Baltimore, Md.
Goucher College	
Gill, Harrison Williams	Liberty, Mo.
A.B., William Jewell College, 1917	
Gillette, George Wolcott Trofast	
	Garden City, N. Y.
A.B., Columbia, 1918	
Hajek, Charles William	New York City
Columbia College	
Loewy, Maurice Bernhard	Cliffside Park, N. J.
Columbia College	
Marsh, Miriam	Waterloo, Iowa
A.B., Vassar College, 1916	
Minoli, Silvis Anthony	New York City
Senior in Columbia College	
Moo, Jen-Yin Menn-fu	Honolulu, Hawaii
Univ. of Illinois	
Pott, Richard Moncrieff	New York City
B.S. Columbia, 1917	
Roth, George	Jersey City, N. J.
Pennsylvania College	
Sandiford, Ralph Herman	Midville, Ga.
B.S., Emory College, 1911	
Schreyer, Frank R.	New York City
Truden, John	New York City
B.S., C. C. N. Y., 1918	
Uhl, Walter Lawrence	Portsmouth, O.
B.S., Rose Polytechnic Inst., 1908	

Volmer, August Karl Ferdinand	New York City
Junior in Columbia College	
Williams, Lessing	New York City
A.B., Williams, 1915; M.A., Columbia, 1916	

### CANDIDATES FOR CERTIFICATE

Binger, Peter, Jr.	Yonkers, N. Y.
Cohen, Henry	New York City
Cook, Belle Verna	Spokane, Wash.
Engeman, William Albert	New York City
Finkelstein, Harry	New York City
Fletcher, Donald Atkinson	New York City
Hanes, Neibert Bartram	Springfield, Ill.
Hritz, George Peter	Hastings-on-Hudson, N. Y.
Johnson, Lacey Flanders	Pelham, N. Y.
Lanza, Natale Marion	New York City
Lombardi, Anthony	New York City
Marceau, Henri Gabriel	New York City
Ohta, Sotaro G.	Tokio, Japan
Owen, Alfred	New York City
Oxhandler, Samuel	New York City
Pfost, Gustave Jacob	River Edge, N. J.
Post, Frank Bitlinger	Fond du Lac, Wis.
Rabasa, Emilio, Jr.	New York City
Safier, Isidore	New York City
Terrell, Allen Townsend	Riverhead, N. Y.
Van Orden, William Howard	Buchanan, N. Y.
Wingate, Florence	Washington, D. C.

### SUMMARY

Candidates for Degree (B. of Arch.)	20
Candidates for Certificate	22
Total Architecture	42
Deduct Columbia College Students	3
Net Total Architecture	39

# REGISTER OF STUDENTS

## SCHOOL OF JOURNALISM

### FOURTH YEAR—CLASS OF 1918

Bond, Genevieve Adeline	Lakefield, Minn.	Cooley, John Landon	Amsterdam, N. Y.
A.B., Wisconsin, 1914		Davidson, Gustav	New York City
Burrows, Dorothy Frey	Eltingville, N. Y.	Felshin, Simon Menassah	New York City
Davidson, Herbert Marc	Kansas City, Mo.	Ginzburg, Benjamin	New York City
Debower, Morris	New York City	Hedges, Frank Hinckley	Springfield, Mo.
Eager, Edwin Norton	New York City	Henderson, Alexander George	Bayonne, N. J.
Evans, Henry Clay, Jr.	Charlotte, N. C.	Herman, Alexander Casdan	New York City
B.A., Vanderbilt, 1915		Hill, Nina Gertrude	New York City
Finegold, Minnie	New York City	Karch, Joseph Aaron	Gloversville, N. Y.
Gardner, Nellie Elizabeth New	Hampton, Iowa	Ketterlinus, Eugenia	Ardmore, Pa.
A.B., Iowa, 1911		Knight, Herbert Ralph	Glens Falls, N. Y.
Grant, Frances Ruth	Abiquin, N. M.	Kroeger, Richard Clark	St. Louis, Mo.
Hardenbergh, Wesley		La Fetra, Gladys Adelaide	Glendora, Cal.
White Sulphur Springs, N. Y.		A.B., Leland Stanford, 1915	
Hough, Henry Beetle	New Bedford, Mass.	Lowenberg, Walter Albert	St. Joseph, Mo.
Hunter, Carey Joseph	Raleigh, N. C.	Lyons, Adelaide Avery	Glade Spring, Va.
A.B., Wake Forest, 1916		A.B., Trinity, 1917	
Kladivko, Lidda	Astoria, N. Y.	McQuillan, Hazel St. Claire	Cincinnati, O.
Kranowitz, William Carl	New Britain, Conn.	A.B., Trinity, 1917	
Lewinson, Minna	New York City	Madigan, Alice Regina	New York City
Linn, Thomas Calvin, Jr.	Salisbury, N. C.	A.B., New Rochelle, 1917	
A.B., North Carolina, 1916		Menninger, Edwin Arnold	Topeka, Kan.
Metzger, Dorothy	New York City	A.B., 1916	
Mills, Raymond Tower	Waltham, Mass.	Mills, Ruth	Omaha, Neb.
Refregier, Liliane Eugenie	Omaha, Neb.	A.B., Nebraska, 1916	
Rosen, Albert	New York City	Murphy, Thomas Vincent	New York City
Sharpe, Clara	Glendale, Cal.	Nissley, Clarice Georgia	Mt. Vernon, Ia.
B.S., Mills, 1916		A.B., Cornell, 1917	
Taylor, Leila Manning	New York City	O'Toole, Edward	Ossining, N. Y.
Topalian, Asvazadoor Barker	New York City	Pilcher, Velona Bissell	New York City
Wellman, Wayne	Chicago, Ill.	Rafferty, Ruth Sherburne	Methuen, Mass.
		A.B., Mt. Holyoke, 1915	
		Senior, Mary Emma	Cincinnati, O.
		Shaw, Mary Josephine	Indianola, Iowa
		A.B., Simpson	
		Simon, Robert Alfred	New York City
		Sinsheimer, Harriet Dorothy	New York City
		Stanton, Augusta Emily Hazelton	
		Great Neck Station, N. Y.	
		Topping, Ella Francis	New York City
		Tucker, Mary	Denver, Col.
		A.B., Northwestern, 1910	
		Tucker, Samuel Arthur	Decatur, Ill.
		A.B., James Milliken, 1917	
		Tuttle, Ella Worth	Burlington, N. C.
		A.B., Trinity, 1916	
		Vernon, Annalee Herndon	Kansas City, Mo.
		Wasson, Robert Gordon	Newark, N. J.
		Weiss, Ernest Alfred	New York City

### THIRD YEAR—CLASS OF 1919

Adams, Marjory Livingston	Haverhill, Mass.
Allen, Elizabeth Scribner	Cambridge, Mass.
A.B., Radcliffe, 1917	
Bauerberg, Leda	New York City
Bennett, James William	Riverside, Cal.
A.B., Stanford, 1916	
Beuick, Marshall Don	New York City
Bowie, Elizabeth Wilson	Uniontown, Pa.
A.B., Wells, 1914	
Carll, Seymour Edwards	New York City
Cohen, George	New York City
Cohn, Elizabeth Margaret	New York City
A.B., Hunter, 1917	
Collins, Harold Moorman	Marion, Va.
A.B., Washington and Lee, 1914	

Wild, Eleanor Everett	New York City	SUMMARY	
A.B. Smith, 1916			
Wood, Walter Valentine	Watervliet, N. Y.	Fourth Year—Class of 1918	24
Wright, Mildred Elizabeth	Jamestown, N. Y.	Third Year—Class of 1919	49
		Non-matriculated Students	3
NON-MATRICULATED STUDENTS			
Dewe, Joseph Adelbert	New York City	Total	76
M.A., Owens, 1903; Litt.D., Pittsburgh, 1913			
Lambert, Paul George	New York City		
Mellamed, Harry Charles	Hartford, Conn.		

# REGISTER OF STUDENTS

## THE SCHOOL OF BUSINESS

### CANDIDATES FOR THE MASTER OF SCIENCE DEGREE

Chang, Ju Shen	Chekiang, China
B.S., Illinois, 1917	
Chen, Bailey L.	Shanghai, China
Ph.B., Wisconsin, 1917	
Chung, Kai Tseung	Canton, China
B.S., New York University, 1917	
Galloway, James Robert	New York City
A.M., Columbia, 1917	
Ingraham, Howell Arthur	Newnan, Georgia
B. S., Georgia, 1917	
Kodera, Yoshikazu	Kobe, Japan
A.M., Indiana, 1918	
Lefton, Al Paul	Pittsburgh, Pa.
B.S., Pittsburgh, 1917	
Li, Szu-Kuang	Tientsin, China
A.B., Illinois, 1917	
Miller, Nina Mary R.	Madison, Wis.
A.B., Wisconsin, 1915	
Ohinata, Chiyoji	Matsumoto, Japan
A.B., Illinois, 1916	
Reyes, Nicanor Isidore	Manila, P. I.
A.B., Philippines, 1915; B.C.S., New York, 1917	
Unson, Salvador	Pagsanghan, Laguna, P. I.
B.C.S., New York, 1917	
Wang, Hwa	Chekiang, China
Government College of Law, Peking, China	
Diploma 1914)	

### CANDIDATES FOR THE BACHELOR OF SCIENCE DEGREE

Anker, Lewis Mann	Albany, N. Y.
Baczynski, John Michael	New York City
Barker, Dorothy Marie	Wilkes Barre, Pa.
Becker, Meyer	Birmingham, Ala.
Blodgett, Arthur Raymond	Lexington, Mass.
Cobban, George	New York City
Coombes, William	New York City
Crowder, Edna M.	St. Louis, Mo.
Farr, Frederick Lockrow	Mt. Vernon, N. Y.
Fishbein, Dora	Philadelphia, Pa.
Frankel, Lee Kaufer, Jr.	New York City
Goldstein, Ira	New York City
Griswold, George	New York City
Hsi, Jegan Tsing	Nanking, China
Ivry, Morris	New York City
Lapinsky, Samuel Archie	New York City

Lippman, Joseph Charles	Virginia, Minn.
Lustberg, Rosalind Carolyn	New York City
McKenzie, William Hill	Montezuma, Ga.
Mackinnon, Alice	River Falls, Wis.
Milch, Victor Warren	New York City
Nomland, Harold	Buxton, N. D.
Shapiro, Joseph	New York City
Simon, Edgar K.	New York City
Stern, William Adler, 2nd	Baltimore, Md.
Weisman, Ruth Kandel	New York City
Wofford, Harris Llewellyn	Johnson City, Tenn.
Yeh, Tek Chen	Shanghai, China

### CANDIDATES FOR THE SECRETARIAL CERTIFICATE

Fowler, William Dillon	Salt Lake City, Utah
Parker, Linford Franklin	Waterbury, Conn.
Shelley, Sarah Ellen	Mechanicsburg, Pa.
A.B., Barnard, 1904	
Stewart, Elsie Nellis	Bay City, Mich.
A.B., Wellesley, 1916	
Will, Catharine Roberts	Milton, N. H.
Williams, Sarah Lena	St. Joseph, Mo.
A.B., Nebraska, 1916	

### NON-MATRICULATED STUDENTS

Acker, James Gordon	Rockville Center, N. Y.
B.Lit., Columbia, 1916	
Audi, Elias Jibrail	Hamilton, N. Y.
Bleich, Arthur M.	New York City
DePasse, Alfred	New York City
M.D., Columbia, 1911	
Dubov, Saul	New York City
Dugan, Rodman Carr	New Brunswick, N. J.
Edwards, Catherine	Leipsic, O.
A.B., Mt. Holyoke, 1917	
Fickes, Frances	Colorado Springs, Col.
A.B., Stanford, 1902	
Friedlander, Louis	New York City
Fujie, Shiro	Osaka, Japan
Fujita, Kinya	Koishikawa, Japan
A.B., Waseda, 1910	
Haserot, Francis Samuel	Cleveland, O.
Hompe, Marjorie	Grand Rapids, Mich.
Iba, Katsuya	Osaka, Japan
Ihata, Masayoshi	Osaka, Japan
King, Sheppard William	Dallas, Tex.
Kondo, Shin-ichi	Tokio, Japan
Larabie, Mary Ann	Deer Lodge, Mont.
A.B., Smith, 1903	

Li, Chur Men	New York City
McClure, Samuel Sherman	Pleasantville, N. Y.
Okatoyo, Minekichi	New York City
Osumi, Toshio	Tokio, Japan
Reiley, Florence May	Belleville, N. J.
Shevit, Frank Harold	New York City
B.C.S., New York, 1915	
Shideler, Jay E.	Boulder, Col.
Shinji, Shima	New York City
Uchitelle, Benjamin	New York City
A.B., A.M., Syracuse, 1916, 1917	
Weimer, Russell Miller	Scottdale, Pa.
B.S., Otterbein, 1914	
Yeomans, Edwin Simpson	Kansas City, Mo.

## SUMMARY

Candidates for the Degree of Master of Science	13
Candidates for the Degree of Bachelor of Science	28
Candidates for the Secretarial Certificate	6
Non-matriculated Students	29
Total School of Business	76



# REGISTER OF STUDENTS

## BARNARD COLLEGE

### SENIORS—CLASS OF 1918

#### CANDIDATES FOR THE A.B. DEGREE

Accurso, Catherine	New York City	Harris, Carolyn Hobart	White Plains, N. Y.
Amson, Sophia	New York City	Harris, Natalie Plough	New York City
Archer, Edith Ruth	New York City	(Mrs. Adriel Harris)	
Barber, Florence Gertrude	New York City	Harrison, Margaret Arnold	New York City
Barber, Mary Foster	East Mauch Chunk, Pa.	Hart, Lucile Mary	New York City
Barrett, Florence	Tarrytown, N. Y.	Haynes, Frances Field	Columbia, S. C.
Bartlett, Emma Louise	Hoboken, N. J.	Heacock, Meme Jeannette	New York City
Baumann, Edith Hortense	New York City	Heyman, Mildred Edwina	Newburgh, N. Y.
Bensel, Mary Cooper	New York City	Higgins, Helen Louise	Bloomfield, N. J.
Bernholz, Marie T. M.	New York City	Hines, Katherine Cecilia	Newark, N. J.
Blout, Mildred	New York City	Hoch, Susie	New York City
Brown, Helen Renwick	Camden, Del.	Holbrook, Helen Shelby	Mobile, Ala.
Buch, Elsa Anna	New York City	Holloway, Cona Louise	New York City
Buckbee, Joyce	Lake George, N. Y.	Jacobs, Dorothy Miriam	New York City
Bunzel, Ruth	New York City	Jennings, Hazel Glover	New York City
Burns, Charlotte Marie	New York City	Josephson, Anna	New York City
Burns, Mary Elizabeth	New York City	Keeler, Lucile	New York City
Buyington, Ruth Marie	New York City	Klenke, Emma Louise	New Rochelle, N. Y.
Cabana, Alice Edmere	Buffalo, N. Y.	Kline, Margaret Demarest	Nyack, N. Y.
Cauldwell, Olivia	Hartsdale, N. Y.	Koenig, Hedwig Augusta	New York City
Cobanks, Alvina Sophie	New York City	Lent, Mary Ellen	Yonkers, N. Y.
Connor, Dorothy Beryl	White Plains, N. Y.	Levison, May Adelaide	New York City
Coryell, Eleanore R. I.	New York City	Levy, Marian Lucile	New York City
Cripps, Gladys Marie	Charlestown, Mass.	Liander, Wendela Alice	New York City
Cuttrell, Florence Estelle	New York City	Liccione, Irma Josephine	Mt. Vernon, N. Y.
Darrow, Margaret Jane	New York City	Longaker, Adelina	East Aurora, N. Y.
Dawbarn, Ethel Gordon	New York City	McCabe, Helen	Salamanca, N. Y.
Dickson, Charlotte	Jersey City, N. J.	McCaffrey, Marion Frances	New York City
Dirkes, Dorothy Ardell	New York City	McDonald, Dorothy Bachman	New York City
Drake, Mildred Elaine	New York City	Mackey, Marguerite	Hunter, N. Y.
Ehrlich, Bessie	Swainsboro, Ga.	MacLachlan, Helen May	Yonkers, N. Y.
Fischel, Bertha Marion	New York City	Man, Mary Elizabeth	New York City
Fischel, Rose	New York City	Markey, Ruth Elizabeth	New York City
Flora, Margaret Lucille	Bangor, Pa.	Mayer, Theresa Rosalind	New York City
Fouts, Janet Winifred	Yonkers, N. Y.	Miller, Martha Harrison	New York City
Franklin, Adele	New York City	Milliken, Rhoda Jameson	Washington, D. C.
Gerloff, Martha Louise	Mt. Kisco, N. Y.	Mook, Edith May	Metuchen, N. J.
Gibb, Alice Stearns	New York City	Murtland, Isabelle Alexander	New York City
Giddings, Lorinda Margaret	New York City	Nichols, Marjorie	Mt. Vernon, N. Y.
Goldstein, Esther Herman	New York City	Oberle, Louise Isabelle	Maplewood, N. J.
(Mrs. Jacob D. Goldstein)		Oschrin, Elsie	Jersey City, N. J.
Grafte, Dorothy	New York City	Pierce, Helen Guthrie	Yonkers, N. Y.
Greenbaum, Isabel	New York City	Pott, Katherine Warhurst	New York City
Griffiths, Mary Rose Millie	New York City	Potter, Grace	Bronxville, N. Y.
Grimm, Elsa Brandon	New York City	Purdy, Helen Alice	Croton-on-Hudson, N. Y.
Grimshaw, Carol Lathrop	New York City	Radcliff, Clara Adrianna	Yonkers, N. Y.
Gross, Edith	Arlington, N. J.	Reinke, Eva Anna	New York City
		Retz, Grace Anna	Walton, N. Y.
		Robb, Christine Cruikshank	Tuckahoe, N. Y.

Robbins, Jeannette Celia	New York City	Boas, Gertrud Marianne	Grantwood, N. J.
Rothschild, Margaret Edith	New York City	Borden, Alice Joyce	New York City
Rowell, Marjorie Lillie	Miller Place, N. Y.	Brand, Edna Rose	New York City
Rubenstein, Fannie Evelyn	New York City	Brockway, Dorothy	New York City
Sanborn, Aline Etta	New York City	Bunger, Anna Gertrude	Ferndale, N. Y.
Sayford, Margaret Elizabeth	New York City	Carr, Elecia Fryer	New York City
Schiff, Esther	New York City	Clark, Marjorie Louise	New City, N. Y.
Schlauch, Margaret	Hasbrouck Heights, N. J.	Coffin, Anna Maude	Portland, Me
Schulman, Sophia	New York City	Conway, Edith Dorothea	Holyoke, Mass.
Schumann, Elizabeth Parvin	Hunter, N. Y.	Cooksey, Catherine Irene	Mt. Vernon, N. Y.
Sherline, Bertha	New York City	Craig, Mary Caroline	Graham, Tex.
Shine, Helena	New York City	Curnow, Eleanor Lucile	New York City
Smith, Clarice Annie	Clifton, N. J.	Curtiss, Leah Kirby	Tarrytown, N. Y.
Snyder, Margaret Eaton	New York City	Cutler, Kathryn Valentine	New York City
Stevens, Helen Kennedy	New York City	Deuel, Verena Grantena	Bath, N.Y.
Stewart, Elizabeth Martha	New York City	Dewey, Lucy Alice	New York City
Sutton, Esther Elizabeth	Dansville, N. Y.	Diehl, Viola Margaretta	Flagtown, N. J.
Teall, Dorothy Judd	Glen Ridge, N. J.	Dochterman, Elsie	New York City
Van Nostrand, Harriet W.	Little Neck, N. Y.	Dowling, Emily May	New York City
Weygandt, Lillian Josephine	New York City	Doyle, Helen Pirnie	New York City
White, Harriette Dodge	New York City	Farrar, Nell	Hillsboro, Tenn.
Williams, Viola Kirby	New York City	Ferguson, Margaret	East Orange, N. J.
Williams, Virginia Deborah	New York City	Feuermann, Marcelle Laure	New York City
Zagat, Ruth Beatrice	New York City	Frederickson, Helen Elizabeth	New York City

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## CANDIDATES FOR THE B.S. DEGREE

Goldstein, Helen Frances	New York City	Grant, Fannie Folger	New York City
Graham, Elaine Mercy	New York City	(Mrs. E. Stanley Grant)	
Hildred, Laura	Ripley, N. Y.	Gray, Rose Ranf	New York City
Hoffman, Elizabeth Mary	Buffalo, N. Y.	Gross, Anna Gertrude	New York City
Hoffman, Jessie Alice Mildred	Buffalo, N. Y.	Gross, Selma	Mt. Vernon, N. Y.
Holbrook, Helen Hopewell	Junction, N. Y.	Grossman, Pauline	New York City
Keck, Dorothy	New York City	Guggenheim, Beatrice C.	New York City
Kliatschko, Lydia Gordon	New York City	Guinzburg, Lenore Kleinert	New York City
Lennon, Florence Mary	Hastings, N. Y.	Gunther, Erna Cornelia	New York City
Mott, Ethel Alva	New York City	Hall, Dorothy	New York City
Randell, Dora	New York City	Hayner, Lucy Julia	Troy, N. Y.
Smith, Jennie Dixon	New York City	Henderson, Ruth Evelyn	New York City
(Mrs. Walter B. Smith)		Hennessy, Helen Margaret	Roslyn, N. Y.
Wachenheimer, Ruth	New York City	Herod, Elizabeth Nola	New York City

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Seniors—Class of 1918.....131

## JUNIORS—CLASS OF 1919

## CANDIDATES FOR THE A.B. DEGREE

Adams, Eileen Rose	New York City	Hurewitz, Estelle	New York City
Adler, Stella Elna	New York City	Irby, Anna Louise	Atlanta, Ga.
Alfke, Adele Leonore	New York City	Jacobs, Estelle	New York City
Alleman, Marion	McDougall, N. Y.	Jarvis, Ruth Frances	New York City
Amberg, Ruth Augusta	Niagara Falls, N. Y.	Johnson, Edith Florence	Westbury, N. Y.
Anthony, Marion Erwin	Gouverneur, N. Y.	Kahn, Dora	New York City
Archibald, Mary Leone	Margaretville, N. Y.	Kammerer, Mildred Katherine	New York City
Ballot, Jeanne Elise	New York City	Kerr, Grace Mayfred	New York City
Baranoff, Helen	East Orange, N. J.	Klopman, Vera Viva	Weehawken, N. J.
Barrington, Marjory L.	New York City	Koch, Elsa Emma	New York City
Benedict, Marion J.	North Tarrytown, N. Y.	Konovitz, Leah Minnie	New York City
Bergstrom, Gertrude Munn	Passaic Park, N. J.	Koster, Lucetta M.	New York City
Birdseye, Dorothy Carroll	New York City	Krantz, Marguerite Berta Else	New York City

Lambert, Constance	Mt. Vernon, N. Y.	Tusa, Theresa	New York City
Leavenworth, Isabel Foote	New York City	Van Wart, Edna	White Plains, N. Y.
(Mrs. Ellis W. Leavenworth)		Veit, Verna	New York City
Lee, Lucy Carter	Macon, Ga.	Warren, Marion Boyd	Yonkers, N. Y.
Leve, Margery	New York City	Weil, Anna Piza	New York City
Lichtenstein, Julia Valentine	Hoboken, N. J.	Welleck, Mary Noble	New York City
Lind, Ernestine Miriam	New York City	Welzmillier, Grace Reed	New York City
Lowenstein, Edith Sophie	New York City	Wesendonck, Myrrha A.	New York City
McDaniel, Laura Frances	Patchogue, N. Y.	Whipple, Isabel Carolyn	New York City
McLean, Ethel Catherine	New York City	White, Helen Myrick	Paterson, N. J.
Mann, Bertha Halle	Mt. Vernon, N. Y.	Williams, Charlotte E.	Roselle Park, N. J.
Marshall, Ruth	New York City	Williams, Helen G. P.	New York City
Martin, Ramona	New Britain, Conn.	Wolf, Lucile Carolyn	New York City
Meneely, Janet Duncan	Hackensack, N. J.	Young, Jessie Emilie	New York City
Miller, Gertrude Allan	New York City	Zwemer, Susanna Pierce	Sioux City, Ia.
Miller, Helen Marjorie	Mt. Vernon, N. Y.	(Mrs. Richard A. Zwemer)	
Monjo, Marguerite Eulalie	New York City	[143]	
Morgan, Grace Beulah	Mt. Vernon, N. Y.		
Morgenthau, Dorothy Ruth	New York City	CANDIDATES FOR THE B.S. DEGREE	
Morrison, Ruth Alexandra	New York City	Carmody, Marie Rose	Mt. Vernon, N. Y.
Munstock, Grace Charlotte	New York City	Gatewood, Elizabeth S.	Newport News, Va.
Murphy, Mary Margaret	Elizabeth, N. J.	Kenyon, Frieda	New York City
Murray, Sara Shotwell	Chappaqua, N. Y.	Lewy, Ruth Lillian	New York City
Neuville, Edna Catherine	Schenectady, N. Y.	Pfaltz, Mimosa Hortense	New York City
Newburger, Bessie Gutman	New York City	Saunders, Helen	New York City
Oak, Dorothy	New York City	Willman, Edith	New York City
Ogden, Margaret Armitage	New York City	[7]	
Peters, Lucretia McClure	New York City	Juniors—Class of 1919.....150	
Powell, Josephine Mason	New York City	SOPHOMORES—CLASS OF 1920	
Puerschner, Ottillie	Cranbury, N. J.	CANDIDATES FOR THE A.B. DEGREE	
Raynor, Constance	Montclair, N. J.	Armstrong, Elizabeth Howard	New York City
Reder, Frances	New York City	Baldwin, Evelyn Mary	Hackensack, N. J.
Reid, Phyllis Helen	New York City	Barrington, Alice Livingston	New York City
Rogers, Esther Anne	Buffalo, N. Y.	Barry, Corinne Alice	Jersey City, N. J.
Rosenthal, Edith Charlotte	New York City	Barten, Hortense Marguerite	New York City
Ruff, Bernice Charlotte	Belleville, N. J.	Barton, Helen Carolyn	New York City
Rule, Frances Daniel	Chicago, Ill.	Becker, Beatrice Lamberton	New York City
Schaaf, Georgie Philippine	New York City	Benton, Pauline	Burlington, Vt.
Schuster, Merle Hunter	New York City	Bien, Esther Rudolph	New York City
Siems, Edna Regina	Mt. Vernon, N. Y.	Borst, Helen Clara	New York City
Skinner, Theodora Booth	Guilford, Conn.	Bostwick, Winifred Francis	New York City
Slocum, Helen Louise	Oswego, N. Y.	Brosnan, Katharine Therese	New York City
Sluth, Elizabeth Martin	New York City	Brown, Jean Elizabeth	New York City
Smith, Eudora Isabel	Bayport, N. Y.	Brubaker, Ruth Kraybill, Mountain View, N. J.	
Smith, Leolyn Clark	Hackensack, N. J.	Buchman, Aline Sophie	New York City
Smith, Miriam Louise	Englewood, N. J.	Burne, Dorothy	Huntington, N. Y.
Stanbrough, Georgia Lydia	New York City	Butler, Dorothy	Yonkers, N. Y.
Stewart, Catherine Darling	Ridgefield Park, N. J.	Calhoun, Helen B.	Hasbrouck Heights, N. J.
Stroock, Blanche Marion	New York City	Carbonara, Teresa Adelaide	New York City
Sweeney, Annette Rose	New York City	Chalmers, Ruth Deborah	New York City
Tappan, Vivian	Englewood, N. J.	Chamberlain, Alma Birge	New York City
Taylor, Elinore Wright	Toledo, Ohio	Chase, Jane Kerr	Spring Brook, Wis.
Terriberry, Elizabeth	New York City	Clarke, Helen St. John	Bogota, N. J.
Thomas, Mary Pamela	New York City	Colucci, Edna Caroline	New York City
Toledano, Ruth	New York City	Crookall, Mary Madeleine	New York City
Torek, Gretchen Irma	New York City	Curry, Eleanor May	Staunton, Va.
Townsend, Marian Diller	New York City	Everson, Ida Gertrude	New York City
Treacy, Julia Mary	New York City	Finkler, Martha Ruth	New York City

Fischer, Hildegard	New York City	Payton, Susanne Adele	St. Louis, Mo.
Foley, Helen Cecelia	New York City	Peltz, Rose Leonore	New York City
Fox, Helene Evelyn	New York City	Pope, Regina	Caldwell, N. J.
Fricke, Gertrude	New York City	Rabe, Elizabeth Valerie	New York City
Friedman, Lillian Cecile	New York City	Rafter, Lucy Christiana	New York City
Gillespie, Margaret Mary	New York City	Rawson, Margaret Perry	Asbury Park, N. J.
Goebell, Alice Geraldine	Summit, N. J.	Raynor, Amy Tuttle	Islip, N. Y.
Gruggel, Christine Ingeborg	New York City	Reid, Edith Marion	Mt. Vernon, N. Y.
Gutmann, Mabel	New York City	Ressmeyer, Gertrude H.	New York City
Harris, Amy Theodora	Monte Cristi, R. D.	Reynolds, Evelyn Agnes	New York City
Harris, Dorothy Elizabeth	Arden, N. C.	Rosenberg, Marion Yosta	New York City
Herterich, Maude Caldwell	Tappan, N. Y.	Rosenberg, Sarah Rae	New York City
Hicks, Helen Louise	Caldwell, N. J.	Rothschild, Louise Theresa	New York City
Hopkins, Anne McHenry	Savannah, Ga.	Sartorius, Bertha Smith	New York City
Houghton, Ruth	New York City	Scancarello, Concettina J.	New York City
Jackson, Addie Ramsden		Schwartz, Esther	New York City
	Rockville Center, N. Y.	Seidman, Helen May	Newark, N. J.
Jarecky, Felice Helen	New York City	Sens, Lucille Marie	New York City
Jennings, Amy Sidney	New York City	Sexton, Caroline Graham	Orange, N. J.
Jentz, Veronica Dorothy	Jersey City, N. J.	Shafer, Katherine Armstrong	New York City
Kaufmann, Marion Sophie	New York City	Silbert, Dorothy	Plainfield, N. J.
Kennard, Elaine Muriel	Tarrytown, N. Y.	Silver, Edith	New York City
Kidd, Frances Lillian	New York City	Simons, Bessie Ruth	New York City
Kohnstamm, Myra Esther	New York City	Sutton, Mary Elizabeth	Jersey City, N. J.
Kopald, Sylvia Beatrice	New York City	Taylor, Lilyan	New York City
Kossman, Ethel Adelaide	New York City	Tewes, Mathilde Clara	New York City
Kydd, Mary Marjorie	New York City	Thompson, Virginia	New York City
Lahiff, Aileen Theresa	New York City	Tipple, Silva	Rome, Italy
Landauer, Tekla Picard	Albion, N. Y.	Toth, Erzsebet Zsuzsana	Yonkers, N. Y.
Lane, Maud Lillian	Springfield, Mass.	Touroff, Lillian Eleanor	New York City
Leding, Aline Martha	Ridgewood, N. J.	Travis, Marion	New York City
Leet, Phedora Floy	Predonia, N. Y.	Uhrbrock, Marie Elsie	New York City
Lesser, Julia	New York City	Vorhaus, Ada	New York City
Levi, Marion Ella	New York City	Wallace, Helene Ruth	New York City
Le Vino, Rose	New York City	Wallerstein, Bertha	New York City
Liebeskind, Hedwig Frances	New York City	Ward, Cecile Marie	New York City
Lockhart, Marjorie Lee	Jersey City, N. J.	Weary, Erica Hutchins	Texarkana, Tex.
London, Ruth Berenice	New York City	Wegener, Hattie Louise	New York City
Lynn, Rosina	New York City	Weil, Dorothy Piza	New York City
McKenzie, Janet	Utica, N. Y.	White, Clarissa Dodge	New York City
Maas, Agnes Kathryn	New York City	Whyte, Beatrice Methven	Tarrytown, N. Y.
MacDonald, Josephine	New York City	Widrevitz, Laura	New York City
Macfarlane, Jean Knox	Salem Center, N. Y.	Wilcox, Helen Barkley	New York City
Mack, Beatrice	New York City	Wilkens, Margaret Hermine	New York City
MacMahon, Aline Laveen	New York City	Willyoung, Dorothy C.	Ridgewood, N. J.
Magaw, Martha Kathryn	Indianapolis, Ind.	Wood, Mabel Travis	Tarrytown, N. Y.
Marsh, Agnes Lewis	Bridgeport, Conn.		
Mayer, Victorine Kops	New York City		
Muhlfeld, Marie	New York City		
Myers, Margaret Good	East Orange, N. J.		
Nance, Margaret Aileen	New York City		
Nolan, Margaret Anna	New York City		
O'Brien, Marion	Perth Amboy, N. J.		
Oldenbusch, Carrie	New York City		
Omeis, Marie Louise Florida	New York City		
Opdycke, Mary Ellis	New York City		
Parker, Lockie	Madisonville, Ky.		
Partridge, M'Liss Aileen	New York City		

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## CANDIDATES FOR THE B.S. DEGREE

Koerner, Sophie	New York City
Mahneke, Pauline C. M.	New York City
Piersall, Catherine E.	New York City
Potter, Dorothy Langdon	Sterlington, N. Y.
Robb, Dorothy Adele	New York City
Smith, Genevieve Marie	Hornell, N. Y.
Sternberg, Lillian	New York City
Valentine, Ann Pasteur	Richmond, Va.

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CANDIDATES FOR TRANSFER AT THE END OF TWO  
YEARS TO THE PROFESSIONAL SCHOOLS  
OF THE UNIVERSITY

Austin, Ruth	Catskill, N. Y.
Burke, Margaret Louise	Morristown, N. J.
Coates, Eleanor Laura	New York City
Crandall, Lola Marion	Fulton, N. Y.
Esterbrook, Gladys R.	East Orange, N. J.
Ewan, Ruth Osborn	Atlantic City, N. J.
Friedkin, Emily Zola	New York City
Gilkey, Caroline King	Cleveland, O.
Hankemeyer, Nathalie Wilhelmina	
	Hartford, Conn.
Herrmann, Marjorie	New York City
McAndrew, Helen	New York City
Minster, Mildred Doris	Washington, D. C.
Rosenbaum, Aline May	Savannah, Ga.
Schellhase, Elizabeth Anne	Wheeling, W. Va.
Smith, Elizabeth Allen	Northampton, Mass.
Walsler, Violet Elizabeth	New York City

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Sophomores—Class of 1920..155

## FRESHMEN—CLASS OF 1921

## CANDIDATES FOR THE A.B. DEGREE

Abrahams, Estelle Louise	New York City	Cottrell, Leonie B.	New York City
Adams, Leonie Fuller	New York City	(Mrs. Edgar H. Cottrell)	
Ahrens, Edyth May	New York City	Cox, Mary Louise	Cranford, N. J.
Alexander, Marion Josephine	Louisville, Ky.	Davey, Dorothy Claribel	New York City
Ammermuller, Gertrude Veronica		Davidson, Miriam	New York City
	New York City	Decker, Katharine Louise	New York City
Andrews, Leonora Louise	New York City	von Deesten, Florence Maria	Hoboken, N. J.
Arkins, Mildred Lucille	New York City	De la Fontaine, Elise	New York City
Ashley, Helen Carolyn	New York City	Dixon-Welch, Mary Dent	Columbia, Conn.
Baer, Marian Magnus	Mt. Vernon, N. Y.	Donovan, Mary Ethel	Kingston, N. Y.
Ball, Helen Elizabeth	South Orange, N. J.	Drachman, Mathilde Madeline	New York City
Bay, Theodosia Catherine	Maplewood, N. J.	Dwight, Elizabeth Parsons	New York City
Beith, Mae Belle	New York City	Ehrlich, Ruth Adele	New York City
Bendheim, Gertrude	New York City	Eisenman, Anna Josephine	Bridgeport, Conn.
Beney, Margarete Ada	Hopewell, N. J.	von Eltz, Luenna	New York City
Benz, Margaret Carroll	Oswego, N. Y.	Evans, Gwendolin Harriet	New York City
Binzen, Vera Lenore	New York City	Fair, Virginia Elizabeth	New York City
Bode, Martha Alma	Hackensack, N. J.	Fawcett, Lillian Margaret	Plainfield, N. J.
Boeker, Eloise May	New York City	Fine, Estelle	New York City
Brady, Alice Miriam	New York City	Fisher, Maude Browning	New York City
Breining, Melva	Mt. Vernon, N. Y.	Fisk, Madeleine Josephine	Mt. Vernon, N. Y.
Brill, Bessie Lucille	New York City	Garfiel, Evelyn	New York City
Brown, Frances Swan	New York City	Garner, Mary Elizabeth	Wantagh, N. Y.
Burroughs, Marion Rapelje	New York City	Gibson, Edna Wiley	New York City
Bushnell, Winthrop Grant	New York City	Gilbert, Agatha	Plainfield, N. J.
Byrne, Louise Marie	New York City	Goldsmith, Leona Hammersley	Salem, Va.
Campbell, Mary Eloise	Charlestown, W. Va.	Gorton, Winifred Van Pelt	White Plains, N. Y.
Cannon, Edris Elizabeth	Paterson, N. J.	Granger, Mary Lois	Savannah, Ga.
Carhart, Grace Merle	Peekskill, N. Y.	Green, Grace Heloise	Paterson, N. J.
Clark, Juliet Cornell	Northport, N. Y.	Groehl, Marion Ruth	New York City
Cobb, Mary Wright	Portsmouth, Va.	Guerdan, Elsie Mary	Weehawken, N. J.
Cocke, Frances Clara	Warrentown, Va.	Gurnee, Lois Adele	Hawthorne, N. J.
Cooke, Gertrude Antoinette	New York City	Guthrie, Phoebe Anna	New York City
		Hall, Mary Bradt	New York City
		Hall, Ruth Stewart	New York City
		Hallock, Lucy Jane	New York City
		Henriques, Dorothy	New York City
		Hessberg, Rhoda Hortense	New York City
		Hoff, Amanda	New York City
		Horn, Lillian	New York City
		Huggard, Elaine Gladys	Lynbrook, N. Y.
		Hutton, Edith Marguerite	New York City
		Jennings, Mary Agnes	New York City
		Jeremiah, Ruth Appleton	New York City
		Johnson, Alice Marie	Mt. Vernon, N. Y.
		Jones, Helen Brown	New York City
		Jones, Ruth Russell	Cincinnati, O.
		Kafka, Beatrice Ethel	New York City
		Kahn, Laena Rosenbaum	Selma, Ala.
		Kaplan, Deborah	New York City
		Keehn, Harriet	Paterson, N. J.
		Kitay, Sarah	Paterson, N. J.
		Kneiper, Ruth Helene	New York City
		Kohn, Elinor	New York City
		Kohnstamm, Dorothy	New York City
		Kriegsman, Helen Emma	New York City
		Lazar, Ruth Josephine	New York City
		Lind, Dorothy Aline	New York City
		Luhrman, Lillian Mildred	Jersey City, N. J.

Mabie, Mildred Cecilia	Bergenfield, N. J.	Vernon, Lucile	Bonham, Tex.
Mankiewicz, Erna Caroline	New York City	Vogel, Theresa Lucie	Suffern, N. Y.
Mannhardt, Gertrude Emily		Volk, Rae	New York City
Cold Spring-on-the-Hudson, N. Y.			
Mannis, Gertrude Elizabeth	Fort Edward, N. Y.	Von Holten, Adelaide Fredericka	New York City
Marks, Marjorie Cecile	New York City	Wagenheim, Fannie Rebecca	Amsterdam, N. Y.
Marlatt, Francis Knoche	Mt. Vernon, N. Y.	Ward, Ruth Dorothy	New York City
Marsh, Lucile Amelia	Bridgeport, Conn.	Waterbury, Elizabeth	Saratoga Springs, N. Y.
Marsh, Marguerite Elizabeth	Mankato, Minn.	Weiss, Clara Alexander	New York City
Mauch, Helen Lena	New York City	West, Sara Galexwood	New York City
Mauger, Isabelle Marguerite	Rutherford, N. J.	Weston, Rey	Washington, D. C.
Mayer, Elizabeth Bendheim	New York City	Wethey, Gladys Vincenza	Port Washington, N. Y.
Mayer, Marie Rose	New York City	Williamson, Helen Frances	New York City
Medigovich, Milica	Bisbee, Ariz.	Wise, Marion Randolph	Schenectady, N. Y.
Meyer, Marie Charlotte	Yonkers, N. Y.	Witte, Juliette	New York City
Meylan, Louise Juliette	New York City	Wittlinger, Bertha	Pocantico Hills, N. Y.
Mochrie, Margaret Eickelberg	New York City	Wood, Lois Morgan	New York City
Montgomery, Margaret Anne	Syracuse, N. Y.	[164]	
Moore, Loretta Winifred	New York City	CANDIDATES FOR THE B.S. DEGREE	
Muhlfeld, Helen Elizabeth	New York City	Borre, Helen Joy	New York City
Neale, Emma Thomson	New York City	Castle, Eleanor Sayles	New Rochelle, N. Y.
Neuman, Hortense	New York City	Clark, Laura Louise	New York City
Neumann, Madelaine Grace	New York City	Clendenin, Ruth	Mt. Vernon, N. Y.
Otto, Virginia	Sayville, N. Y.	Cobban, Ethel Stuart	New York City
Paterson, Ruth	New York City	Colony, Ruth Hoffman	Bronxville, N. Y.
Peters, Marion Emilie	New York City	Cossow, Alice	New York City
Phelps, Eleanor Mix	New York City	Crabtree, Ruth Foster	Montgomery, N. Y.
Phillips, Grace Marjorie	New York City	Edwards, Gladys Eloise	East Aurora, N. Y.
Pickhardt, Phyllis Marie	Pelham, N. Y.	Eyre, Lonisa Lear	New York City
Piel, Agnes Helene	New York City	Fishberg, Ella Harriet	New York City
Pindar, Magdalena Lehman	New York City	Haskell, Marion Emma	Malone, N. Y.
Reichard, Dorothe Amelia	New York City	La Boyteaux, Elizabeth Forrester	New York City
Reynolds, Irma	Tuckahoe, N. Y.	Lemcke, Ilse Dorothea	New York City
Rhoades, Dorothy Rita	New York City	Littauer, Virginia Barbara	New York City
Riley, Olive Lasette	New York City	Peterson, Mildred Clara Elisabeth,	New York City
Robb, Janet Henderson	New York City	Pockman, Georgiana Boice	
Ross, Effie Christie	White Plains, N. Y.	Hasbrouck Heights, N. J.	
Sakamoto, Kei	Seattle, Wash.	Rivkin, Helen Blythe	New York City
Santelli, Catharine Rafaela	New York City	Schaeffer, Florence Louise	Jersey City, N. J.
Schenck, Claire Aleid	New York City	Schumm, Elsie	New York City
Schmidt, Anne Elizabeth	New York City	Townsend, Evelyn Howe	Utica, N. Y.
Schoedler, Gertrud Helen	New York City	Woodard, Helen Quincy	Scarsdale, N. Y.
Seeley, Jeannette	Grantwood, N. J.	[22]	
Shire, Helen Margaret	Woodmere, N. Y.	CANDIDATES FOR TRANSFER AT THE END OF TWO YEARS TO THE PROFESSIONAL SCHOOLS OF THE UNIVERSITY	
Shrifte, Evelyn Blanche	New York City	Beach, Bessie Marie	Frankfort, N. Y.
Sicular, Adele	New York City	Bernard, Marguerite Beatrice	Dobbs Ferry-on-Hudson, N. Y.
Sinnigen, Grace Julia	New York City	Carter, Aldine	New York City
Small, Delphine	Dayton, O.	Falk, Dorothy Louise	New York City
Small, Kathryn Wheeler	New York City	Faxon, Sallie Katherine	Kansas City, Mo.
Souhami, Rachel	New York City	Fox, Anna May	New York City
Stickney, Adele Lomas	Elizabeth, N. J.	Fox, Edna Johana	New York City
Stuart, Mary Cecilia	Richmond, Va.	Gott, Alice Sayer	Goshen, N. Y.
Suydam, Catharine Beatrice	Tarrytown, N. Y.	Henry, Marcella	Dayton, O.
Thompson, Frances Worthington	New York City	Latham, May Gordon	Greensboro, N. C.
Thomson, Marian Constance	Scranton, Pa.		
Tiemann, Eleanor Marie	New York City		
Tileston, Dorothea Marie	New York City		
Tuttle, Lois Adelaide	Ridgewood, N. J.		
Van Brunt, Gladys Gardiner	New York City		

Lindeman, Edith Elliot	Richmond, Va.	Brush, Natalie Lombard	New York City
McGregor, Katherine Ethel	Waupaca, Wis.	Carey, Cornelia Lee	West Orange, N. J.
Reynard, Elizabeth	Fall River, Mass.	Cheesman, Clara Livingston	
Schwab, Antonia Ybor	New York City		Garrison-on-Hudson, N. Y.
Siegbert, Beryl May	New York City	Crome, Alice A.	Clinton, Mo.
Soley, Marie Louise	New York City	Emerson, Caroline Dwight	New York City
Stewart, Virginia	Toledo, O.	Emerson, Ethyl Marie	New York City
Strier, Sarah	New York City	de Goenaga, Concepcion	San Juan, Porto Rico
Tompkins, Bertha Cummings		Greene, Charlotte Louise	New York City

	White Plains, N. Y.	Henderson, Margaret Victoria	
Weiner, Natalie Eva	New York City		Trinidad, British West Indies
Whelpley, Edith	Rye, N. Y.	Herrington, Camilla Randolph	Denver, Col.
Wickham, Elizabeth Margaret		Hobe, Elizabeth Barbara	Pittsburgh, Pa.
	Wheeling, W. Va.	Keith, Emily Virginia	New York City
Wuest, Phyllis L. A.	New York City	Kirkman, Cynthia Vaughn	Benicia, Cal.
Zingali, Anna Marie	New York City	Kung, Ann Florence Anvon	Shanghai, China
Zoglin, Rosalind Anita	New York City	Lagemann, Anna Emily	New York City

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Freshmen—Class of 1921 . . . . 211

## SPECIAL STUDENTS, MATRICULATED

Adee, Geraldine Fitzgerald	Tuxedo Park, N. Y.		Spring Valley, N. Y.
Cassett, Edith	New York City	(Mrs. A. W. Schmidt)	
Catlin, M. Helen	Franklin, N. J.	Stanton, Jessie	New York City
Childs, Mary Elizabeth	Bernardsville, N. J.	Vories, Faye Denton	Campbellsburg, Ky.
Dana, Gertrude Van Rensselaer		Willets, Lora Alice	New York City
	Tarrytown, N. Y.		[24]

Fisher, Kathleen Annie	New York City
Hodenpyl, Marion Fahys	New York City
Ivimey, Rhoda Muriel	New York City
Johnston, Rose Richmond	New York City

(Mrs. Frederick Johnston)

Judson, Alice Isabel	New York City
Keasbey, Louisa Edwina	Austin, Tex.
Lewis, Wealthy Albro	New York City
Perlman, Florence Bierman	New York City
(Mrs. Nathan D. Perlman)	
Robinson, Margaret Virginia	

	Clarksburg, W. Va.
Root, Elizabeth Wright	New York City
(Mrs. George F. Wright, 3rd)	

Sage, Marjorie Lowrie	New York City
Shanley, Helen S.	Rudyard, Mont.
Sheets, Grace Phyllis	Columbus, O.
Stroock, Minette	New York City
Taylor, Eleanor Armstrong	New York City
Tener, Virginia Simpson	Wheeling, W. Va.
Thompson, Elizabeth Ilsley	New York City
Tice, Sabra Colby	New York City
Werner, Miriam Virginia	New York City
Wheat, Leora May	Saratoga Springs, N. Y.
Wiers, Luella McClure	Montclair, N. J.
(Mrs. Edgar S. Wiers)	
Willrich, Erica	New York City
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## SPECIAL STUDENTS, NON-MATRICULATED

Baldwin, Dorothy	Garden City, N. Y.
Barton, Eleanor Graeff	Englewood, N. J.

## SUMMARY

Seniors—Class of 1918:	
Candidates for the A.B. degree	118
Candidates for the B.S. degree	13
	— 131

Juniors—Class of 1919:	
Candidates for the A.B. degree	143
Candidates for the B.S. degree	7
	— 150

Sophomores—Class of 1920:	
Candidates for the A.B. degree	131
Candidates for the B.S. degree	8
Students in General Two-Year Course	16
	— 155

Freshmen—Class of 1921:	
Candidates for the A.B. degree	164
Candidates for the B.S. degree	22
Students in General Two-Year Course	25
	— 211

Special Students:	
Matriculated	27
Non-Matriculated	24
	— 51
University Students	33
Teachers College Students	59
	— 92

Grand Total 790

# REGISTER OF STUDENTS

## TEACHERS COLLEGE

Candidates for the Master of Arts degree, Master of Science degree, Doctor of Philosophy degree, Teachers College professional diplomas or unclassified graduate students.

The following students are registered under the Faculties of Education or Practical Arts. The special departments of major interest are given in italics. Minor courses not in Education are also given in italics.

Officers in the University who are at the same time pursuing courses for the higher degrees are not included in this list. Wherever the name of a State is given after a degree, it signifies that the student has graduated from the given State University.

### GRADUATE STUDENTS—1917-1918

Abbott, Edith Abigail	New York City	Axtell, Paul Henry	Deposit, N. Y.
A.B., Mt. Holyoke, 1904		A.B., Colgate, 1916. <i>English</i>	
Addis, Barbara	Brewster, N. Y.	Babcock, Clara Elizabeth	Potter Hill, R. I.
A.B., Smith, 1914		A.M., 1914; B.S., 1913. <i>Psychology</i>	
Aikin, Wilford M.	Columbus, O.	Bachrach, Flora	New York City
A.M., Michigan, 1913; B.S., Muskingum, 1907		A.B., Hunter, 1916. <i>Psychology</i>	
Albrecht, L. Dorothy	Los Angeles, Cal.	Bacon, Elizabeth Lyle	St. Paul, Minn.
A.B., Stanford, 1916. <i>Psychology</i>		A.B., Wellesley, 1915. <i>Fine Arts</i>	
Alexander, Frances Laura	Blanco, Tex.	Badanes, Bertha Rose	Brooklyn, N. Y.
A.B., Baylor, 1911. <i>Mathematics</i>		A.B., 1914. <i>French</i>	
Allen, Anna B.	Brooklyn, N. Y.	Bader, Edith M.	Terre Haute, Ind.
B.S., 1905		A.B., Indiana, 1910. <i>Philosophy</i>	
Allen, Lucy Branch	Leonia, N. J.	Ballou, Willard Alger	Brooklyn, N. Y.
A.B., Wellesley, 1897. <i>Rural Education</i>		A.M., 1915; B.S., 1913	
Allen, Margaret Elizabeth	Rahway, N. J.	Bangs, Mollie Louise	Lansing, Mich.
A.B., Smith, 1913		A.B., Michigan, 1908. <i>Religious Education</i>	
Allen, Thurma Marguerite	Laurens, Ia.	Barber, Catharine	East Cleveland, O.
B.S., 1917		A.B., Western Reserve, 1917	
Allyn, Eleanor	New York City	Barcus, Hugh Howard	Brooklyn, N. Y.
A.M., 1915. A.B., Mt. Holyoke, 1894		B.S., Purdue, 1900. <i>Mathematics</i>	
Alm, Oscar William	Opportunity, Neb.	Barland, Agnes Louise	Eau Claire, Wis.
A.B., Nebraska, 1917. <i>Administration</i>		A.B., Oberlin, 1914	
Ambler, Ruth Emma	Hudson Falls, N. Y.	Barnett, Idah Marie	Neenah, Wis.
Ph.B., Syracuse, 1907		A.B., Wisconsin, 1914	
Anderson, Grace Melleney	Brooklyn, N. Y.	Barnewall, Marie Alymer	New York City
B.S., 1916		A.B., Hunter, 1912. <i>English</i>	
Anthony, Elizabeth	Henderson, Ky.	Barr, Oscar Ogilvie	South Amboy, N. J.
M.L., California, 1914		B.S., 1917. <i>Administration</i>	
B.L., California, 1913		Barrus, Lena Wakefield	Lithia, Mass.
Arent, Emma	Badger, Ia.	B.S., 1915	
A.B., Iowa, 1912		Barry, Rena Elizabeth	Chicopee, Mass.
Armstrong, Sara Mitchell	Boston, Mass.	A.B., Trinity, 1917. <i>Household Arts</i>	
A.B., Tufts, 1901		Bartlett, Glenn	Wauseon, O.
Atchinson, Grace I.	New York City	A.M., 1912; B.S., 1911. <i>Rural Education, Psychology</i>	
B.S., 1917		Barto, Harriet Thompson	Urbana, Ill.
Atkinson, Louise Sibley	Brooklyn, N. Y.	A.M., 1917; A.B., Illinois, 1916. <i>Chemistry</i>	
B.S., 1912		Barto, Margaret Murray	Urbana, Ill.
		A.B., Illinois, 1917. <i>Physical Education</i>	



- Baruch, Bernard Brooklyn, N. Y.  
B.S., C. C. N. Y., 1913. *Chemistry*
- Batchelor, Charles Bronk Brooklyn, N. Y.  
A.B., 1906 *Physical Education*
- Bates, Ralph Fleming Westfield, N. J.  
A.M., 1914; A.B., Colgate, 1911. *Secondary Education*
- Batthey, Lita Alleen Lawrence, Kan.  
A.B., Kansas, 1906
- Baxter, Mary Cecilia New York City  
A.B., Hunter, 1914
- Baxter, Rosa Jackson Bellingham, Wash.  
A.B., Drury, 1907. *Psychology*
- Baylor, Adelaide S. Indianapolis, Ind.  
Ph.B., Chicago, 1897. *Household Arts*
- Beard, Eva Rorty New York City  
A.B., Cornell, 1909
- Beck, Minna McLeod Atlanta, Ga.  
B.S., 1914. *Fine Arts*
- Becker, Margaret Christina Leonia, N. J.  
B.S., 1916. *Household Arts*
- Behrens, Luella Eva Redwood City, Cal.  
A.B., Leland Stanford, 1915. *Psychology*
- Belting, Paul Everett Charleston, Ill.  
A.B., Illinois, 1912
- Benedict, Ruth Fulton Douglaston, N. Y.  
A.B., Vassar, 1909
- Bennett, George Lionel Hackensack, N. J.  
A.M., 1913; A.B., Colgate, 1900
- Benton, Elma Hixson, (Mrs.) Fergus Falls, Minn.  
A.B., Minnesota, 1910. *History*
- Bergstresser, Clinton Artinius Brooklyn, N. Y.  
M.S., Pennsylvania, 1910; A.M., Lafayette, 1905; A.B., Lafayette, 1903
- Berkson, Isaac Baer New York City  
A.M., 1914; A.B., C. C. N. Y., 1912
- Bigelow, Aleda J. Seattle, Wash.  
B.S., Chicago, 1905
- Bingham, Harriet Elise New York City  
B. L., Michigan, 1906
- Birch, Blanche Louise New York City  
A.B., Wellesley, 1902
- Blair, Herbert Francis Palisade, N. J.  
A.M., 1917; B.S., Northwestern, 1915. *Administration*
- Blanchard, Gertrude Helena Gardner, Mass.  
A.B., Smith, 1907. *Religious Education*
- Blankenship, Albert Silvanus Gatesville, Tex.  
B.S., Texas, 1904
- Bliss, Ralph Potter Brooklyn, N. Y.  
Ph.B., Colgate, 1899
- Bliven, Rose Emery New York City  
A.B., Southern California, 1914. *Kindergarten*
- Blumenthal, Frances New York City  
A.M., 1916; B.S., 1915
- Boardman, Anne Evelyn New York City  
A.B., Boston, 1891
- Boegehold, Winifred Dorothy Mt. Vernon, N. Y.  
A.B., 1914. *Fine Arts*
- Boehmke, Matthias J. W. New York City  
A.B., Victoria, 1900; A.M., 1913. *Administration*
- Borden, Marion Allen Grantwood, N. J.  
A.B., 1915. *English*
- Borklund, C. Arthur New York City  
A.B., C. C. N. Y., 1904. *English*
- Bostater, Gertrude Elinor Montpelier, Ohio  
A.B., Hillsdale, 1912
- Bosworth, Marguerite Blanche New York City  
B.S., 1915. *Kindergarten*
- Bowdle, Blanche Foss Walnut Grove, Mo.  
B.S., Missouri, 1912
- Boyer, Susie Estella Douglas, Neb.  
A.B., Tarkio, 1906. *Physical Education*
- Brady, J. Wesley New York City  
A.M., 1917; A.B., Queens, 1913
- Bragdon, Clifford Sawyer New Rochelle, N. Y.  
A.B., Bowdoin, 1900
- Brandt, Maurice A. Brooklyn, N. Y.  
A.M., N. Y. Univ., 1906; A.B., C. C. N. Y., 1898
- Bremer, Mary Althea New York City  
A.B., Goucher, 1908. *Elementary Education*
- Breneman, John Howard Missoula, Mont.  
A. M. Montana, 1917; A. B. Kansas, 1916
- Brewer, Irene Mamaroneck, N. Y.  
A.B., Wellesley, 1912
- Bright, Ira J. Topeka, Kas.  
B.S., Kansas, 1916. *Education Administration*
- Brinkerhoff, Anne M. New York City  
A.B., Vassar, 1895
- Brisson, Mary Juanita West Gore, Nova Scotia, Canada  
B.S., 1905. *Fine Arts*
- Bristol, Raymond Morean Brooklyn, N. Y.  
A.B., Amherst, 1911. *Elementary Education*
- Brockett, Elisabeth Gault East Orange, N. J.  
A.B., Mt. Holyoke, 1917. *Religious Education*
- Broughton, Leila Emeline New York City  
B.S., 1917. *Physical Education*
- Brown, Agnes E. New York City  
A.M., Michigan, 1905; B.S., South Dakota, 1900; *Spanish*
- Brown, Eugenia Evelyn Humboldt, Ia.  
B.S., Iowa, 1917. *Institutional Administration*
- Brown, Gladys A. Farmington, Me.  
A.M., 1915; A.B., Wellesley, 1914
- Brownell, Edith D. Sac City, Ia.  
B.S., Iowa, 1915. *Nutrition*
- Buchanan, Beth New York City  
A.B., Coe Coll., 1916
- Buckley, Grace Shelby, Ia.  
A.B., Iowa, 1907
- Bullock, A. Archibald Nanking, China  
M.S., Chicago, 1909; B.S., California, 1906. *Psychology*

- Bullock, William Wallace      Arlington, N. J.  
A.M., 1914; Ph.B., Colgate, 1899
- Bunce, Edgar Fenn      Lodi, N. J.  
B.S., 1916
- Burg, Bernard Benjamin      Chicago, Ill.  
B.S., Chicago, 1914. *Vocational Education*
- Burke, Agnes      Winona, Minn.  
B.S., 1913
- Burke, Barbara      Berkeley, Calif.  
A.B., California, 1917. *History*
- Burke, Beatrice Agatha      Lewiston, Me.  
A.B., St. Elizabeth, 1917
- Burke, Emma Jane      Bismarck, N. D.  
B.S., 1916
- Burns, Robert Leo      Oswego, N. Y.  
B.S., 1916. *Elementary Education*
- Burriss, Eli Edward      Philadelphia, Pa.  
A.M., Pennsylvania, 1918; B.S., Pennsylvania, 1914
- Burt, Abraham Jacob      New York City  
A.B., Brown, 1916
- Burt, Jerome      Brooklyn, N. Y.  
Ph.B., Yale, 1914. *Mathematics*
- Busbee, Christiana      Raleigh, N. C.  
A.M., Cornell, 1908; A.B., Cornell, 1905.  
*Mathematics*
- Busse, Florence E.      Porter, Ind.  
A.B., Northwestern, 1908
- Butler, Blanche Morton      Minneapolis, Minn.  
B.S., Chicago, 1909. *English*
- Byers, Marie Van Horn      New York City  
A.B., Smith, 1916
- Cammack, Margaret Louise      St. Paul, Minn.  
A.B., Minnesota, 1917. *Household Arts Education*
- Campbell, Agnes Dorothy      Monmouth, Ore.  
A.B., Oregon, 1913. *Fine Arts*
- Campbell, Lenna M.      New York City  
B.S., Macalester, 1913
- Carll, Florence Sargent      South China, Me.  
A.B., Colby, 1912. *Household Arts Education*
- Carothers, Willis Herbert      Emporia, Kan.  
A.M., Kansas, 1916; A.B., Kansas, 1907.  
*Administration*
- Carr, Margaret Fryer      Brooklyn, N. Y.  
A.B., 1915
- Carter, Thomas Francis      Nanking, China  
A.B., Princeton, 1904
- Case, Adelaide Teague      New York City  
A.B., Bryn Mawr, 1908. *Religious Education*
- Casey, Catherine      St. Paul, Minn.  
A.B., Minnesota, 1908
- Catlin, Mary Cornelia      Brooklyn, N. Y.  
A.B., Vassar, 1914. *Physical Education*
- Caughey, May      Ann Arbor, Mich.  
A.B., Michigan, 1906
- Cavanagh, Mary Margaret      Passaic, N. J.  
A.B., Smith, 1910. *English*
- Chambers, Irene McAllister      Shelbyville, Ind.  
Ph.B., Denison, 1909. *Administration*
- Chandler, Mary Hammond      Portsmouth, O.  
A.B., Ohio Wesleyan, 1917. *Mathematics*
- Chang, Zah Ling      Shanghai, China  
A.B., St. John, 1917. *Administration*
- Chapman, Hazel Bliss      Penn Yan, N. Y.  
A.B., Rochester, 1910. *Elementary Education*
- Chapman, Lena M.      New York City  
A.B., Syracuse, 1899
- Charles, Shirley Mansfield      San Diego, Cal.  
A.B., Stanford, 1903. *Fine Arts*
- Charlton, Aruba Belle      Cherokee, Ia.  
Ph.B., Chicago, 1914
- Chase, Arthur Edwin      New York City  
A.B., Vermont, 1889
- Chassell, Laura Merrill      Mt. Vernon, Ia.  
A.M., Northwestern, 1914; A.B., Cornell  
(Iowa), 1912. *Psychology*
- Cheifetz, Sadie      New York City  
B.S., 1916
- Chen, Ho Chin      Hangchow, China  
A.B., Johns Hopkins, 1917. *Sociology*
- Cheney, Monona Lucile      Barron, Wis.  
A.B., Lawrence, 1914
- Cheng, Tsung Hai Hsiehshih Chepiang, China  
A.M., 1917; A.B., Wisconsin, 1916. *Vocational Education*
- Chipkin, Israel Solomon      New York City  
A.M., 1915; B.S., 1913. *Educational Sociology*
- Clark, Bertha Winifred      Hamilton, N. Y.  
A.M., 1915; A.B., George Washington, 1902
- Clark, Claudia L.      Redlands, Cal.  
A.B., Stanford, 1908; *History*
- Clark, Elaine Harriet      Rochester, N. Y.  
A.B., Wellesley, 1917. *Kindergarten*
- Clark, Herbert Warner      Westfield, N. J.  
B.S., Colgate, 1913. *Vocational Education*
- Clark, Jennie Mae      Rochester, N. Y.  
A.B., Wellesley, 1899. *Mathematics*
- Clark, John Powell      Brooklyn, N. Y.  
A.B., Cornell, 1906. *Mathematics*
- Clark, Marion G.      Nutley, N. J.  
B.S., 1916. *History*
- Clarke, Helene de Guise, (Mrs.)      New York City  
A.M., Paris, 1898; A.B., College Peset, Paris,  
1894
- Cleaver, William Geiss      Bethlehem, Pa.  
A.B., Franklin and Marshall, 1896
- Clowes, Helen Coe      Hempstead, N. Y.  
B.S., 1914. *Kindergarten Education*
- Cobb, Isabelle      Scranton, Pa.  
A.B., Wilson, 1913. *Household Arts Education*
- Cobb, Margaret Evertson      Tarrytown, N. Y.  
A.B., Vassar, 1917. *Psychology*
- Cockayne, Wilhelmina Dorothea      Tiffin, O.  
A.B., Heidelberg, 1911. *English*
- Cohen, Beatrice C.      Yonkers, N. Y.  
A.B., Hunter, 1910

- Coffman, Marion Chelalis, Wash. New York City  
A.B., Washington, 1904
- Cohen, Morris New York City  
B.S., C. C. N. Y., 1918. *Mathematics*
- Cole, Edward Harold New Rochelle, N. Y.  
A.B., Harvard, 1915. *Administration*
- Coleman, William Alfred Arlington, N. J.  
A.B., Ursinus, 1913
- Collins, Albert V. Westbury, N. Y.  
A.M., Frederick, 1909; A.B., Boston, 1907.  
*Administration*
- Collins, Sarah Louise Purchase, N. Y.  
A.B., Bryn Mawr, 1917. *History*
- Conger, Napoleon McMinnville, Tenn.  
B.S., Ohio, 1918
- Conlin, Eleanor Miriam Worcester, Mass.  
A.B., Trinity, 1917. *Fine Arts*
- Conlon, Mary Anna New Rochelle, N. Y.  
A.M., New Rochelle, 1915
- Cook, Carrie Pimm (Mrs.) New York City  
B.S., 1917
- Cook, John Harrison Circleville, O.  
A.B., Miami, 1912; B.S., Ohio Northern,  
1908. *Administration*
- Corson, Guy Louis Hop Bottom, Pa.  
A.B., Syracuse, 1914. *Administration*
- Cowden, Bess Corina Silvertown, Ore.  
A.B., Oregon, 1914. *English*
- Cox, Emily Miller New York City  
A.B., Hunter, 1914
- Crabb, Alfred Leland Bowling Green, Ky.  
B.S., Peabody, 1916. *Rural Education*
- Craighill, Rebecca Price Madison, Wis.  
A.B., Wellesley, 1916. *Biology*
- Crane, Arthur Griswold Minot, N. D.  
B.S., Carleton, 1902. *Administration*
- Crane, J. Ernest Butler, N. J.  
Ph.B., Dickinson, 1911
- Creamer, Catharine Corinne Osborn, O.  
B.S., Ohio, 1912. *Household Arts*
- Cressy, Earl Herbert Hangchow, China  
A.B., Minnesota, 1907
- Cronin, Helen L. Charlestown, Mass.  
A.B., Boston, 1912
- Cronyn, George William Bronxville, N. Y.  
A.M., 1917; A.B., 1916. *English*
- Crouch, Eugene M. Jeffersonville, Ind.  
A.B., Milligan, 1894. *Administration*
- Crouse, Walter Suplee Honeybrook, Pa.  
Ph.B., Buckell, 1915
- Crow, Charles Sumner Morgantown, W. Va.  
A.M., Harvard, 1913; A.B., West Virginia,  
1906. *Educational Sociology*
- Cruise, M. Winnona E. Simcoe, Ontario, Can.  
A.B., Toronto, 1912. *Household Arts*
- Cummins, Robert Alexander Bridgeport, Conn.  
A.M., Illinois, 1910; B.S., Wesleyan, 1909.  
*Psychology*
- Curoe, Philip R. V. New York City  
A.M., 1915; B.S., C. C. N. Y., 1913
- Currier, Grace Mae Salix, Ia.  
A.M., Chicago, 1914; A.B., Northwestern,  
1911. *Household Arts*
- Dahlberg, Hatty Rosella Stanley, Wis.  
B.S., 1916; *Household Arts*
- Davenport, Mildred Sara Griswoldville, Mass.  
A.B., Wellesley, 1916. *Mathematics*
- Davies, Zachariah Waukesha, Wis.  
B.D., McCormick, 1917; A.B., Cornell, 1914
- Davis, Minnie Lee Baltimore, Md.  
B.S., 1911. *Elementary Supervision*
- Dawson, Alice Jersey City, N. J.  
B.S., N. Y. Univ., 1918
- Day, Abbie Louise Cincinnati, O.  
B.S., 1912. *Administration*
- Dayan, Marion Brooklyn, N. Y.  
B.S., Elmira, 1917; A.B., Elmira, 1916. *Biology*
- Dearden, Gertrude Agnes New York City  
A.B., 1917
- Deas, Sarah Beaufort West, S. A.  
A.B., Huguenot (South Africa), 1903
- DeHoff, Leon Flushing, L. I.  
A.B., Franklin and Marshall, 1905
- Detraz, Mary Julia Cincinnati, O.  
A.B., Cincinnati, 1910
- Dewey, Carol McCurdy (Mrs.)  
Basking Ridge, N. J.  
A.B., Ohio Wesleyan, 1913. *Religious Education*
- deWolff, Johanne Summit, N. Y.
- DeZeller, May Pearl New York City  
B.S., 1917. *Mathematics*
- Dick, Abraham Harry New York City  
B.S., C. C. N. Y., 1917. *Chemistry*
- Dickson, Marguerite New York City  
A.M., 1916; A.B., Hunter, 1913
- Dillenberg, Clarice Helen Waukon, Ia.  
A.B., Cornell, 1916. *Household Arts*
- Dillingham, Grace Louise Yorba Linda, Cal.  
B.L., California, 1900
- Dilworth, Cora Williams Lincoln, Neb.  
A.B., Nebraska, 1916
- Dodge, Bernice Frances Elkhart, Ind.  
B.S., 1916; Ph.B., Chicago, 1906
- Doe, Florence Helen Medford, Mass.  
A.B., Wellesley, 1909
- Doerschuk, Anna Beatrice Shanesville, O.  
A.B., Oberlin, 1906
- Doherty, Mary New York City  
A.M., 1914; B.S., 1912
- Dooley, William Henry Brooklyn, N. Y.  
B.S., Harvard, 1905. *Vocational Education*
- Doremus, Mary Caroline Kingston, N. Y.  
A.M., Washington, 1914; A.B., N. Y. State,  
1908. *Psychology*

- Doris, Charles Brooklyn, N. Y.  
A.B., Adelphi, 1916. *Elementary Education*
- Douglas, Constance San Miguel, Cal.  
A.B., California, 1915. *Household Arts*
- Douglass, Carleton Ellsworth Baltimore, Md.  
A.M., Central, 1898; A.B., Central, 1897;  
Ph.B., Chicago, 1899. *Administration*
- Draper, Winifred Frances Yokohama, Japan  
Ph.B., Syracuse, 1911
- Dresslar, Martha Estella Seattle, Wash.  
B.S., Washington, 1917; A.B., California,  
1913. *Nutrition*
- Duffee, Mary Marshall (Mrs.)  
New Brunswick, N. J.  
A.B., 1908
- Dunn, Fannie Wycke Farmville, Va.  
A.M., 1917; B.S., 1915. *Elementary Educa-  
tion*
- Duryea Madeline Sarah Farmingdale, L. I.  
B.S., 1916
- Dwyer, May Josephine New York City  
A.B., 1917
- Eames, Susan Frances Jacksonville, Ill.  
A.B., Illinois, 1907
- East, Anna Merritt Philadelphia, Pa.  
B.S., Nebraska, 1912. *Institutional Admin-  
istration*
- Easterbrook, George H. Louisville, Ky.  
Ph.B., Chicago, 1914. *English*
- Eaton, Clara Cecelia New York City  
A.M., 1911; A.B., 1908. *Mathematics*
- Ebbert, Lida M. Barberton, O.  
Ph.B., Dickenson, 1908. *Mathematics*
- Edmond, Sarah Cohocton, N. Y.  
B.S., N. Y. Univ., 1908
- Edmund, Gertrude New York City  
B.S., Clark; Pd.B., B.S., N. Y., Ph.D., Jena,  
Germany
- Eells, Ida Myra Helena, Mont.  
B.S., 1910; A.B., Pacific, 1896
- Elliott, Lucy Cable Columbus, O.  
B.S., 1914; A.B., Mt. Holyoke, 1904
- Elmore, May Terry Elmira, N. Y.  
A.B., Elmira, 1892
- Ely, Dorothy Olivet, Mich.  
A.B., Olivet, 1913. *Mathematics*
- Emme, Earle Edward Reddick, Ill.  
A.B., Northwestern, 1916; B.D., Garrett  
Biblical, 1917. *Religious Education*
- Endly, Juliette Elyria, O.  
B.S., 1915
- Evenden, Edward Samuel Warrenton, Ore.  
A.M., Stanford, 1911; A.B., Stanford, 1910.  
*Administration*
- Fairfield, Wynn Cowan Shansi, China  
A.B., Oberlin, 1907; B.D., Oberlin Theol.,  
1910
- Farrell, Martha Syracuse, N. Y.  
A.B., Syracuse, 1917. *Mathematics*
- Fernald, Floyd Monroe Leonia, N. J.  
A.B., Syracuse, 1905. *Mathematics*
- Fernald, Helen Elizabeth Amherst, Mass.  
A.B., Mt. Holyoke, 1914. *Fine Arts*
- Ferns, Edith Mt. Vernon, N. Y.  
A.B., 1908
- Ferrin, Livia Ella Montclair, N. J.  
A.M., 1915; A.B., Pacific, 1906
- Field, Helen Atwater Roselle, N. J.  
B.S., 1913. *Elementary Supervision*
- Fielding, Dorothy Marie Englewood, N. J.  
A.B., Ohio Wesleyan, 1915
- Finley, Charles W. Yonkers, N. Y.  
M.S., Chicago, 1912; B.S., Chicago, 1910
- Fisk, Sarah Ellen Shell Rock, Ia.  
B.S., 1913. *Psychology*
- Fitch, Florence Lee Mamaroneck, N. Y.  
A.B., Doane, 1903
- Fitzsimons, Isabelle Virginia Weehawken, N. J.  
A.B., Hunter, 1915
- Foley, Thomas Stanislaus New Rochelle, N. Y.  
A.B., Boston College, 1913
- Folger, Harriet Winona, Minn.  
B.S., 1904. *Biology*
- Forsyth, Margaret Elizabeth Germantown, Pa.  
A.B., Goucher, 1917
- Foster, Miriam Choate Quincy, Mass.  
A.B., Radcliffe, 1910. *English*
- Foulkes, Marie Wynne New York City  
A.B., Wisconsin, 1913
- Fowler, Mary New York City  
A.B., Vassar, 1911. *Mathematics*
- Frank, Edgar George St. Mary's, Ontario, Can.  
B.D., Queen's (Kingston), 1917; A.B.,  
Queen's, 1914
- Friedman, Miriam Brooklyn, N. Y.  
A.B., Hunter, 1915. *English*
- Friedrich, Charles Henry Leonia, N. J.  
A.M., 1916; B.S., 1914. *Administration*
- Friedrich, Samuel E. New York City  
A.B., C. C. N. Y., 1917. *English*
- Frink, Robert Elias Tuckahoe, N. Y.  
A.B., Williams, 1907. *Physics*
- Gage, Nina Diadamias New Haven, Conn.  
A.B., Wellesley, 1905. *Administration*
- Gamber, Alfred F. Wakeman, O.  
A.B., Oberlin, 1912. *History*
- Gamoran, Emanuel New York City  
A.B., C. C. N. Y., 1917
- Garcia, Jose H. New York City  
A.B., Santiago, 1904
- Gardner, Annie Port Chester, N. Y.  
A.B., Hunter, 1914. *History*
- Garfinkel, Maurice A. New York City  
L.L.B., N. Y. U., 1908; A.B., C. C. N. Y.,  
1904
- Gauss, Esther Mary St. Louis, Mo.  
A.B., Washington, 1908

- Gay, Laura S. Seneca Falls, N. Y.  
B.S., Smith, 1896
- Geller, Henry William Duluth, Minn.  
M.S., Illinois, 1906; B.S., Michigan, 1904
- Getman, Arthur K. New Brunswick, N. J.  
B.S., Cornell, 1911
- Gibbes, Jessie Bertha New York City  
A.M., 1911; B.L., Michigan, 1896. *Philosophy*
- Giehl, Jennie Augusta Newark, N. J.  
Ph.D., Heidelberg, 1911; A.M., 1908; A.B., Vassar, 1902. *Administration*
- Gilligan, James T. Holyoke, Mass.  
A.B., Amherst, 1916
- Gillmore, Mary Brownson New York City  
Ph.B., Cornell, 1899
- Gillmore, Ethel Melinda New York City  
A.B., Hunter, 1915. *Fine Arts*
- Ginsburg, Jekuthial New York City
- Gippe, Hilda M. Watson, Minn.  
A.M., 1916; A.B., Minnesota, 1905. *Rural Education*
- Glascok, Josephine Richards Upperville, Va.  
A.B., Vassar, 1917. *Psychology*
- Glenn, Earl Rouse New York City  
A.B., Indiana, 1913
- Glucksmann, Vanessa New York City  
A.B., Vassar, 1914. *Physical Education*
- Goetzinger, Katherine Bertha New York City  
A.M., 1916; A.B., Minnesota, 1904
- Goldman, Louis Albert Brooklyn, N. Y.  
A.B., C. C. N. Y., 1913
- Goldsmith, Elizabeth New York City  
B.S., 1917
- Goll, Bertha Clemena Brooklyn, N. Y.  
B.S., 1915. *English*
- Goodspeed, Helen Crandall Penn Yan, N. Y.  
B.S., 1917. *Household Arts*
- Gorton, Edna Winifred Warren, O.  
A.B., Western Reserve, 1913. *Administration*
- Graham, Bessie Spokane, Wash.  
B.S., Washington, 1911. *Household Arts*
- Graham, Bessie Frazier Lee, Mass.  
A.B., Wellesley, 1914
- Graves, Katharine Bradford Philadelphia, Pa.  
A.B., Vassar, 1917; B.S., Pennsylvania, 1916. *Psychology*
- Gray, Annie Broome Prince Frederick, Md.  
B.S., 1917. *Industrial Arts*
- Greathead, Elsie Selene McConnellsburg, Pa.  
B.S., 1914. *Elementary Supervision*
- Greenfield, Solomon Charles Brooklyn, N. Y.  
B.S., C. C. N. Y., 1917. *Mathematics*
- Griffin, Orwin Bradford Peabody, Mass.  
A.M., Boston, 1917; A.B., Boston, 1915. *Administration*
- Grimstoldt, George Kristiania, Norway  
A.M., Washington, 1916; A.B., Washington, 1915
- Gross, James Heilman Westfield, N. J.  
A.B., Pennsylvania, 1913
- Gross, Olive A. Baltimore, Md.  
A.B., Goucher, 1915
- Grossman, Gladys Freda New York City  
A.B., Adelphi, 1916. *Fine Arts*
- Grover, Elbridge Cook Closter, N. J.  
B.S., Harvard, 1915
- Guinee, Julia Frances New York City  
A.B., Hunter, 1917. *Physical Science*
- Guinee, Marie Loretta New York City  
A.B., Hunter, 1917. *Mathematics*
- Gunter, Susie Will Columbus, Miss.  
A.B., Miss. I. I. and C., 1911. *Household Arts*
- Gurley, Raymond Bennett East Orange, N. J.  
A.M., 1915; Ph.B., Chicago, 1909; Pd.B., N. Y. State Normal, 1899
- Gustafson, Floyd William Fort Dodge, Ia.  
A.B., Grinnell, 1912
- Gutman, Pauline Ehrich New York City  
A.B., Wellesley, 1915
- Haas, Raymond Edward Ardmore, Pa.  
A.B., Gettysburg, 1914. *Administration*
- Hadsell, Eleanor Gertrude New York City  
B.S., 1915. *Fine Arts*
- Hagemeyer, Helen Butler, Ky.  
A.B., Wellesley, 1916. *Household Arts*
- Hagemeyer, Mabel Butler, Ky.  
A.B., Wellesley, 1916. *Household Arts*
- Haines, Sarah Deborah Norman, Okla.  
A.M., 1917; A.B., Oklahoma, 1913. *Household Arts*
- Hall, Francis Chauncey New York City  
B.S., 1916. *Mathematics*
- Hall, Louise May Brooklyn, N. Y.  
A.M., 1916; A.B., Adelphi, 1915. *Scouting*
- Hall, Margaret Pynchon New York City  
A.B., Hunter, 1912. *Household Arts*
- Hall, Robert Milton Baltimore, Md.  
A.M., 1916; B.S., 1915
- Hamilton, Marian South Norwalk, Conn.  
B.S., 1917. *Household Arts*
- Hamilton, Otto Templar Oaklandon, Ind.  
L.L.B., Indiana, 1911; A.B., Indiana, 1911
- Handy, Seymour New Rochelle, N. Y.  
A.B., Syracuse, 1904
- Hanger, James Howard Bancroft, Kan.  
A.M., Kansas, 1911; A.B., Baker, 1910
- Hanley, Frances Lee New York City  
M.S., N. Y. Univ., 1916; B.S., Normal, 1909; *History*
- Hanna, Clarence Worthington, Ind.  
Ph.B., Franklin, 1910. *English*
- Harap, Henry New York City  
B.S., C. C. N. Y., 1916
- Hardie, Mary E. Bowdinhams, Me.  
A.B., Bates, 1909. *Science*
- Harned, Elizabeth Townsend Philadelphia, Pa.  
A.B., Wellesley, 1912

- Harper, Helen Peekskill, N. Y.  
A.B., Wells, 1916. *Psychology*
- Harris, Herman Lee Coburn, Va.  
A.B., William and Mary College, 1915
- Harris, Maude Lyman Rockwell, Ia.  
A.B., Cornell, 1909
- Harrison, Florence Urbana, Ill.  
B.S., Illinois, 1908. *Household Arts*
- Hart, Bessie Bonita Springvale, Me.  
A.B., Bates, 1912. *Latin, English*
- Hart, Frank W. Prescott, Ariz.  
A.B., Indiana, 1908. *Administration*
- Hartman, Gertrude Bryn Mawr, Pa.  
A.B., Bryn Mawr, 1905
- Hartnett, Edmond Emmett New York City  
B.S., 1917; Pd.B., Missouri State, 1905.  
*Vocational Education*
- Hartung, Mignon Martha Wyckoff, N. J.  
A.B., Wells, 1915
- Haupin, James Proctor Sugar Grove, Pa.  
A.B., N. Y. State, 1910
- Haupt, Mrs. Walter C. New York City  
A.B., Bryn Mawr, 1912. *Psychology*
- Hausman, Amelia Elizabeth Grantwood, N. J.  
B.S., Middlebury, 1903. *French*
- Hayes, Kathleen Valerie Severy, Kan.  
A.B., Washburn, 1905. *Latin*
- Hazzard, Stanley B. Mt. Vernon, N. Y.  
A.M., 1917; A.B., Colgate, 1914; B.D.,  
Union Theol. Sem., 1917
- Heinmiller, Louis Edward Glen Ridge, N. J.  
B.S., Rochester, 1911. *Administration*
- Heinzelmann, Paul Yonkers, N. Y.  
A.M., London, 1913
- Hellyar, Marian Palmer, Mass.  
A.B., Mt. Holyoke, 1906. *Latin*
- Henderson, Bertha Fairbury, Neb.  
B.S., Chicago, 1910. *Geography*
- Herr, Louis A. Fortville, Ind.  
B.S., 1917. *Fine Arts*
- Herre, Ella F. Brooklyn, N. Y.  
B.S., 1917
- Hertzler, Silas Denbigh, Va.  
B.D., Yale, 1917; A.B., Goshen, 1913. *Religious Education*
- Hetherington, Daisy Alford Sacramento, Cal.  
A.M., Wisconsin, 1917; A.B., Wisconsin,  
1915
- Hewson, Mary Anne Rochester, N. Y.  
B.S., 1909. *Administration*
- Hicks, Katharine Helen Scranton, Pa.  
B.S., 1917
- Higbie, Edgar Creighton Morris, Minn.  
A.M., Minnesota, 1909; A.B., Minnesota,  
1907. *Administration*
- Hildenbrand, Sophie Mary New York City  
A.B., 1917. *English*
- Hill, Clara Mossman Norwalk, Conn.  
A.B., Vassar, 1895
- Hill, Ella Augusta Yonkers, N. Y.  
A.B., Wellesley, 1916
- Hill, Ralph Carlyle Mt. Vernon, Ia.  
A.M., 1917; B.S., Cornell (Iowa), 1912
- Hill, Zilpha Robbins Greenwich, Conn.  
A.B., Knox, 1910
- Hinchliff, Grace F. Galesburg, Ill.  
A.M., 1913; A.B., Knox, 1910. *Nutrition*
- Hinkel, Martha E. Chicago, Ill.  
B.L., Northwestern, 1901
- Hinton, Charles W. Locust Valley, N. Y.  
A.M., 1916; Ph.B., Mississippi, 1898
- Hirschberg, Arthur Abraham Brooklyn, N. Y.  
A.B., C. C. N. Y., 1916. *History*
- Hitchcock, George Preston Brooklyn, N. Y.  
L.L.B., 1910; A.B., Amherst, 1892
- Hodgson, Balm M. Yonkers, N. Y.  
A.B., Oregon, 1898
- Hoermann, Emma Hoboken, N. J.  
B.S., 1915
- Hoffer, Irwin Seymour Palmyra, Pa.  
A.B., Harvard, 1917
- Hoffman, Esther New York City  
A.B., Hunter, 1915
- Hogon, Luther Rice Agnes, Ga.  
A.B., Mercer, 1894
- Holbrook, Helen Shepard Evanston, Ill.  
A.B., Vassar, 1904
- Holiday, Sadie Gregg Burlington, Ia.  
A.B., Iowa, 1909. *Household Arts*
- Holloway, William James Baltimore, Md.  
A.M., 1912
- Holmes, Margaret Cook Brooklyn, N. Y.  
A.B., Adelphi, 1915
- Holmes, Margaret Hamerik Baltimore, Md.  
B.S., 1915. *Psychology*
- Honeywell, Hannah Elizabeth Walton, N. Y.  
A.B., Mt. Holyoke, 1910. *Food Chemistry*
- Hood, Edward Clark Flushing, N. Y.  
A.M., 1903; A.B., Amherst, 1897
- Hoover, Troy Jay Trappe, Ind.  
A.B., North Carolina, 1913. *Administration*
- Horton, Walter Marshall Arlington, Mass.  
A.B., Harvard, 1917
- House, Florence Elizabeth Salonica, Greece  
B.S., 1915. *Industrial Arts*
- Howell, Genevieve d'Auvergne Brooklyn, N. Y.  
B.S., 1916. *Household Arts Education*
- Hu, Irving Tientsing Anking, China  
A.M., 1916; A.B., Nankin, 1913. *Administration*
- Hudson, Lillian A. (Mrs.) Lyn, Ontario, Can.  
B.S., 1917
- Hughes, Edith Morris South Orange, N. J.  
A.B., Mt. Holyoke, 1917. *Psychology*
- Hull, Isabelle McFarlane Brooklyn, N. Y.  
A.B., Michigan, 1912
- Humphrey, Ethelwyn Florence New York City  
A.B., Boston, 1903. *Fine Arts*

- Humphrey, Louise George Ypsilanti, Mich.  
Ph.B., Michigan, 1898; Pd.B., Michigan  
State, 1899
- Humphreys, Pauline Annette Humphreys, Mo.  
Ph.B., Chicago, 1915
- Hunt, Charles Wesley New York City  
A.M., 1910; A.B., Brown, 1904. *Elementary  
Education, Administration*
- Hunt, Leila Wall Pullman, Wash.  
B.S., Washington State Coll., 1908; *House-  
hold Arts Education*
- Hupper, Marjorie Alden Martinsville, Me.  
A.B., Mt. Holyoke, 1917. *Nutrition*
- Hurley, Ella May Port Richmond, N. Y.  
A.B., Hunter, 1917. *Latin*
- Hurst, Eleanor Robb Elyria, O.  
A.B., Ohio Wesleyan, 1916
- Hurt, Huber William Lebanon, Ill.  
LL.D., Iowa Wesleyan, 1912; A.M., Iowa  
Wesleyan, 1905; B.S., Iowa Wesleyan, 1904.  
*Administration*
- Hutchison, Josephine Ladner  
Mineral Point, Wis.  
A.B., Illinois, 1917. *Physical Education*
- Hutsinpillar, Jessie Ironton, O.  
A.M., Ohio State, 1909; A.B., Wellesley, 1902
- Hylbert, Margaret Runyan (Mrs.)  
Boston, Mass.  
A.M., Bucknell, 1905; A.B., Bucknell, 1902
- Hylbert, Lewis Columbus New York City  
B.D., Crozer Theol., 1908; A.M., Bucknell,  
1908; A.B., Bucknell, 1905
- Ikezono, Tetsutaro Tokio, Japan  
A.B., St. Paul, 1915
- Irvine, Elizabeth S. New York City  
B.S., 1917; A.B., Hunter, 1904. *Elementary  
Education*
- Irwin, Edith Coelia Newtown, Conn.  
A.B., Wellesley, 1898. *Institution Adminis-  
tration*
- Isaacs, Mervin New York City  
A.M., 1915; A.B., C. C. N. Y., 1913. *Psy-  
chology*
- Jackson, Catharine Ethel Singapore, S. S.  
Ph.B., DePauw, 1901. *Religious Education*
- Jackson, Ray Albene Leonia, N. J.  
B.S., Colgate, 1915. *Administration*
- Jacobson, Eda Augusta Urbana, Ill.  
A.B., Illinois, 1908. *Household Arts*
- Jaffee, Louis R. Brooklyn, N. Y.  
A.M., 1914; A.B., C. C. N. Y., 1910
- Jesse, Mary Daniel Ashland, Va.  
B.S., Missouri, 1910. *Secondary Education*
- Jeteur, Mathieu Verviers, Belgium  
L.B., Royal, 1912. *French*
- Johnson, William Foye Provincetown, Mass.  
A.M., 1915; B.S., 1914
- Jones, Avis Sessions Colorado Springs, Col.  
A.B., Colorado State Teachers, 1915
- Jones, Bertha Marie Champaign, Ill.  
A.B., Illinois, 1911
- Jones, Clara Virginia Henry, Ill.  
A.B., Oberlin, 1904. *German*
- Jones, Elsie Lucius Topeka, Kan.  
A.B., Emporia, 1910. *Household Arts Edu-  
cation*
- Jordan, Arthur Melville Sunbury, N. C.  
A.M., Trinity, 1909; A.B., Randolph-Macon,  
1907
- Jordan, Ella Esther Indianapolis, Ind.  
A.B., DePauw, 1911. *Religious Education*
- Kean, Florence Rose Manchester, N. H.  
A.B., Trinity, 1917. *French*
- Keeler, Benjamin Carlos Oyster Bay, L. I.  
A.B., St. Lawrence, 1914
- Kelley, Richard Carlyle Iowa City, Ia.  
A.B., Iowa, 1903. *Vocational Education*
- Kissock, May Sutherland Brooklyn, N. Y.  
A.B., Smith, 1908
- Kling, Delia Christine Brooklyn, N. Y.  
B.S., 1917. *Elementary Supervision*
- Kneip, Mary Helene Detroit, Mich.  
B.S., 1915. *Philosophy*
- Knight, Martha Grover Deer Isle, Me.  
B.S., Maine, 1909. *Elementary Education*
- Knowles, Frank T. Bellerose, N. Y.  
A.B., C. C. N. Y., 1894. *Mathematics*
- Konowitz, Isidor M. New York City  
A.B., C. C. N. Y., 1917. *History*
- Koon, Cline Morgan Monongah, W. Va.  
B.S., West Virginia, 1915. *Administration*
- Krackowizer, Alice Marie Yonkers, N. Y.  
A.M., 1917; B.S., Chicago, 1906
- Krane, Daniel Golden New York City  
B.S., C. C. N. Y., 1916
- Kumler, Katharine Walter Norwalk, O.  
A.B., West Virginia, 1913. *Textiles and  
Clothing*
- Kummerle, Harrison Mathew New York City  
B.S., C. C. N. Y., 1914
- Kunkleman, Duly Jay Lima, O.  
A.B., Ohio Wesleyan, 1909
- Lacy, John Veere South Milwaukee, Wis.  
B.D., Garrett Biblical, 1917; A.B., Ohio  
Wesleyan, 1915
- LaDame, Mary North Adams, Mass.  
A.B., Brown, 1906
- Lally, Eleanor Mary New York City  
A.B., Nebraska, 1914
- Lamond, Henry Chester Wollaston, Mass.  
A.B., Harvard, 1917
- Landesman, Alter F. Cleveland, O.  
A.B., Western Reserve, 1917. *Administration*
- Lane, Francis New York City  
M.D., George Washington, 1885; A.B., Dart-  
mouth, 1881
- Langer, Hajnalka New York City  
A.B., Hunter, 1911

- Larrabee, Harold Alkins Melrose, Mass.  
A.B., Harvard, 1916
- Larrabee, Doris Kennard Melrose, Mass.  
A.B., Boston, 1916. *Religious Education*
- Latzer, Irma Ada Highland, Ill.  
A.M., 1916; A.B., Illinois, 1915
- Lawn, Jerome Murray Brooklyn, N. Y.  
A.B., C. C. N. Y., 1912
- Ledyard, Helen Bell Pasadena, Cal.  
A.B., Stanford, 1917
- Lee, Katharine Newhall (Mrs.) Berkeley, Cal.  
A.B., Mills, 1909
- Lee, Shao Chang Canton, China  
A.B., Yale, 1917
- Lehman, Eugene Heitler New York City  
A.M., Yale, 1910; A.B., Yale, 1902
- Leland, Benjamin Towne Worcester, Mass.  
A.M., Brown, 1917; A.B., Harvard, 1906
- Leland, Samuel Robb New York City  
B.D., Drew, 1910; A.B., Hanover, 1905
- Leonard, Geneva Aurora Redbank, N. J.  
Ph.B., Vermont, 1907
- Leonard, Sterling Andius Yonkers, N. Y.  
A.M., Michigan, 1909; A.B., Michigan, 1908.  
*English*
- Lepperd, Julius Wayne Carlisle, Pa.  
A.B., Dickinson, 1916
- Leventhal, Murray J. Brooklyn, N. Y.  
A.M., 1913; A.B., C. C. N. Y., 1911
- Leverett, William Josiah Binghamton, N. Y.  
A.B., Yale, 1891
- Levy, Clara Newark, N. J.  
B.S., N. Y. Univ., 1916. *Philosophy*
- Lew, Timothy Tingfang Wenchow, China  
A.M., 1915; A.B., 1914. *Psychology*
- Lewis, Elizabeth Edith West Medford, Mass.  
Ph.B., Vermont, 1907
- Lewis, Ervin Eugene Iowa City, Ia.  
A.M., Stanford 1909; A.B., Stanford 1907
- Lewis, Helen Warrell Millville, N. J.  
A.B., Goucher, 1916. *English*
- Lewis, Ida Belle Shanghai, China  
A.M., 1916; A.B., Morningside, 1909. *Administration*
- Lewis, Laura Frances Buckhannon, W. Va.  
A.B., West Virginia, 1907
- Lieberman, Jacob New York City  
B.S., C. C. N. Y., 1915
- Lillie, Dorothy Alice Coopersville, Mich.  
B.S., Michigan, 1917. *Household Arts*
- Lim, Katharine Ong-Neo Singapore, Straits Se.  
A.B., Franklin, 1915. *Kindergarten*
- Lindsay, Flora Robertson New York City  
A.B., Wellesley, 1917. *Household Arts*
- Lindsay, Olivia Catherine Toronto, Can.  
A.B., Toronto, 1903
- Linke, Edith Adelaide Yonkers, N. Y.  
A.B., Smith, 1908
- Linn, John Sheridan Bay Shore, N. Y.  
A.M., 1916; A.B., Lafayette, 1911. *Administration*
- Lintz, Wilhelmina St. Marys, O.  
A.B., Miami, 1911
- Lippe, Adolph A. New York City  
B.S., C. C. N. Y., 1896
- Lisk, Henrietta New York City  
A.M., 1917; M.S., Florida State, 1909;  
B.S., Florida State, 1907
- Little, Eleanor Howell Media, Pa.  
A.M., 1915; A.B., Wellesley, 1908
- Lombard, Clarence Willard South Portland, Me.  
A.B., Bates, 1911. *Secondary Education*
- Lord, Margaret Wallace Los Angeles, Cal.  
A.M., 1918; A.B., Redlands, 1915
- Lott, Marietta Creed Jamaica, L. I.  
A.B., 1917. *Physical Education*
- Lovely, Thomas J. Brooklyn, N. Y.  
A.B., C. C. N. Y., 1918. *History*
- Lowrie, Sara Finney Tyrone, Pa.  
A.B., Goucher, 1916. *Physical Education*
- Lucey, Daniel Christopher New York City  
B.S., 1917. *Industrial Arts*
- Luddington, Harriet Adelaide Brooklyn, N. Y.  
B.S., 1906
- Luft, Harry Leopold Haverstraw, N. J.  
B.S., 1915. *Physical Education*
- Lytton, Mabel Clare West Bedford, O.  
B.L., Ohio Wesleyan, 1908
- McClure, Helen New York City  
B.S., 1913. *Nutrition*
- McCrae, Annie New York City  
B.S., 1912. *Fine Arts*
- McCrum, Alma Huntingdon, Ind.  
B.S., 1916. *Elementary Supervision*
- McDaniel, Leon Sayre Kingwood, W. Va.  
A.B., Bethany, 1914
- MacDonald, Cecil Clark Lawrence, L. I.  
A.M., Delaware, 1910; A.B., Delaware, 1901.
- McElroy, Maude Agnes Ottumwa, Ia.  
A.M., 1910; A.B., Western, 1906. *English*
- McGinn, Catherine Agnes Brooklyn, N. Y.  
A.B., Adelphi, 1912. *English*
- McGinty, Mary Elizabeth Brooklyn, N. Y.  
B.S., N. Y. Univ., 1916
- MacGowan, James Reese Smithport, Penn.  
A.B., Alleghany, 1914
- MacGregor, Kate Miller Hillburn, N. Y.  
B.S., 1912. *Elementary Education*
- MacKinnon, Marion Grace Seattle, Wash.  
A.B., McGill, 1910. *Household Arts*
- MacKnight, Lydia Edwardina St. Louis, Mo.  
B.S., 1917. *Elementary Education*
- McLane, Fannie Moulton New York City  
A.M., 1912; A.B., 1907. *Psychology*
- McMillan, William Buchanan Chatham, N. J.  
A.B., Southwestern, 1916. *Administration*



- McNeill, John Francis Brooklyn, N. Y.  
A.B., N. Y. State, 1916
- MacNeish, Harris Franklin New York City  
Ph.D., Chicago, 1909; M.S., Chicago, 1905;  
B.S., Chicago, 1902
- Mabbett, Bertha Frances Saratoga Springs, N. Y.  
B.S., N. Y. State, 1917. *Practical Arts*
- Macke, Una New York City  
A.B., California, 1917. *History*
- Madison, Arthur Alexander Montgomery, Ala.  
A.B., Bowdoin, 1910
- Mair, George New York City  
A.B., Harvard, 1916. *Religious Education*
- Mandel, Samuel New York City  
A.B., C. C. N. Y., 1906
- Manongdo, Manuel S. Caba, LaUnion, P. I.  
A.B., Otterbein, 1917
- Mapes, Florence Adelle Duncombe, Ia.  
A.B., Northwestern, 1911
- Marsh, Mabel Kincaid, Kan.  
A.B., Northwestern, 1910. *Elementary Education*
- Marshall, Thomas Franklin New York City  
A.M., 1908; B.D., Union Theol., 1908; A.B.,  
Lake Forest, 1894
- Martin, George Ellsworth Kearney, Neb.  
A.B., Nebraska, 1914. *Administration*
- Martin, Harry S. Peking, China  
A.M., B.D., Yale, 1910; A.B., Carleton, 1903
- Mathews, Julia Los Angeles, Cal.  
A.B., Stanford, 1901. *Psychology*
- Mattox, Elmer Lincoln Hangchow, Che, China  
A.B., Parsons, 1890
- Mayer, Otto Miles Center, Ill.  
A.M., Chicago, 1917; Ph.B., Chicago, 1916
- Mead, Frederica Rutherford Plainfield, N. J.  
A.B., Smith, 1911. *Religious Education*
- Merritt, Esther M. Potsdam, N. Y.  
A.B., Smith, 1917
- Merritt, Laura Belle Geneva, N. Y.  
Ph.B., Syracuse, 1909
- Mesloh, Selma Louise Columbus, O.  
A.B., Ohio State, 1915; B.S., Ohio State,  
1915. *Physical Education*
- Metcalf, Thomas Nelson New York City  
A.M., Oberlin, 1912; A.B., Oberlin, 1912
- Meyer, Jacob Gible Elizabethtown, Pa.  
A.M., 1915; A.B., Franklin and Marshall,  
1910. *Secondary Education*
- Miller, Donald Herbert Peekskill, N. Y.  
A.B., 1907. *Physical Science*
- Miller, Margaret Isabel, South Hammond, N. Y.  
Ph.B., Syracuse, 1904. *Elementary Education*
- Miller, Paul S. Weehawken, N. J.  
A.B., Pennsylvania, 1910
- Miner, Gladys Irene Bloomington, Ill.  
B.S., Illinois Wesleyan, 1911. *Household Arts*
- Mohler, Louis M.  
A.M., 1915; B.S., 1914
- Moore, Bruce Victor Kokomo, Ind.  
A.M., Indiana, 1917; A.B., Indiana, 1914.  
*Vocational Education*
- Morris, Caroline Elizabeth Olean, N. Y.  
A.B., Syracuse, 1916
- Morris, William Louis Fall River, Mass.  
A.B., Holy Cross, 1909. *English*
- Morrison, John Cayce Leonia, N. J.  
A.M., 1916; B.S., 1915; A.B., Valparaiso,  
1912. *Administration*
- Moses, Isidore Edwin New York City  
Pd.M., N. Y. Univ., 1914; A.B., C. C. N. Y.,  
1911
- Mousigian, Mardiros Der Hovhones  
Van, Armenia  
B.S., 1917; A.B., Kansas, 1916. *Biology*
- Murdoch, Katharine Pittsburgh, Pa.  
A.M., 1913; B.S., 1912. *Psychology*
- Murphy, Marie E. New York City  
A.B., Hunter, 1913
- Murtland, Cleo New York City  
B.S., 1917. *Vocational Education*
- Myers, Ray Franklin Passaic, N. J.  
A.B., Indiana, 1914
- Nead, Raymond Harker Woodhaven, N. Y.  
A.M., 1917; A.B., Dartmouth, 1911
- Neer, Imogene Paterson, N. J.  
A.B., 1916
- Neff, Lillian M. Brooklyn, N. Y.  
A.B., Syracuse, 1907
- Nenno, Katherine Elinor Pomona, Cal.  
A.B., Wyoming, 1914.
- Neuberg, Mauvie J. Cleveland, O.  
B.D., Drew Theol., 1917; A.B., Wheaton, 1916
- Neuroth, Dorothy Marguerite Woodside, L. I.  
A.B., Hunter, 1917. *Elementary Education*
- Neville, Eleanor Stevens Lindenhurst, L. I.  
B.S., 1912
- Nichthaus, Pauline New York City  
A.M., 1916; A.B., Hunter, 1915
- Noble, Martha R. (Mrs.) New York City  
A.B., Agnes Scott, 1914
- Northacker, Howard Arlington Scranton, Pa.  
A.M., Princeton, 1915; A.B., Albright, 1912;  
S.T.B., Princeton Theol., 1916. *Religious Education*
- Northrop, Evelyn Hope Brooklyn, N. Y.  
A.B., Mt. Holyoke, 1896
- O'Brien, Edith Georgina New York City  
A.B., Hunter, 1915
- Oldfield, Harriet Garnerville, N. Y.  
A.B., Hunter, 1909. *Speech*
- Olson, Mary Emilia Minneapolis, Minn.  
Ph.B., Hamline, 1903
- Olsson, Anne Matilda Brooklyn, N. Y.  
M.S., N. Y. Univ., 1900; B.S., Wellesley,  
1890

- Oppenheimer, Julius John      Kansas City, Mo.  
A.M., Missouri, 1916; B.S., Missouri, 1915;  
Pd.B., Warrensburg Normal, 1909. *Educational Sociology*
- O'Shea, Harriet Eastabrooks      Madison, Wis.  
A.M., Wisconsin, 1917; A.B., Wisconsin, 1916
- Page, Donald Taylor  
Woodcliff-on-Hudson, N. J.  
A.M., 1914; A.B., Dartmouth, 1901
- Pantano, Antoinette      Brooklyn, N. Y.  
A.B., Hunter, 1917. *French*
- Parker, Walter Guy      Jersey City, N. J.  
A.B., Southwestern, 1912. *Religious Education*
- Parkhurst, Ella Marietta      Westfield, N. J.  
A.B., Vassar, 1914. *English*
- Parsons, Martha Cornelia      Ridgewood, N. J.  
A.B., Wellesley, 1917
- Pasnor, Samuel      New York City  
A.B., 1918
- Patterson, Lena Estelle      Athens, O.  
B.S., Ohio, 1914; A.B., Ohio, 1909. *Fine Arts*
- Pauw, Jacobus Cornelis  
Cape Colony, South Africa  
A.B., Victoria
- Peabody, May Ella      Englewood, N. J.  
A.B., Middlebury, 1906. *English*
- Peckham, John Laimbeer      Spencer, Mass.  
A.M., Pennsylvania State, 1915; A.B., Clark, 1912. *Secondary Education*
- Peebles, Waldo Cutler      Chestnut Hill, Mass.  
A.B., Harvard, 1917
- Pennell, Mary Elizabeth      Westbrook, Me.  
B.S., 1911. *Elementary Education*
- Perry, Ralph Foster      Morristown, N. J.  
A.M., Princeton, 1913; A.B., Vermont, 1906
- Peterson, Mollie Anne      Fond du Lac, Wis.  
Ph.B., Chicago, 1914. *House Design*
- Peterson, Selma      Buffalo, N. Y.  
A.B., Lake Erie, 1916. *Physical Education*
- Philhower, Charles A.      Westfield, N. J.  
A.M., 1915; A.M., Dickinson, 1912; B.S., Dickinson, 1909. *Administration*
- Philo, Frances      Cedar Falls, Ia.  
A.B., Iowa State, 1913. *Physical Education*
- Phillips, Halbert Cressy      Glenbrook, Conn.  
A.B., Amherst, 1895
- Phillips, Velma      Galesburg, Ill.  
Ph.B., Chicago, 1915. *Household Arts*
- Pider, Myrtle Zoa      Mankato, Kan.  
A.M., Northwestern, 1911; A.B., Northwestern, 1910; Pd.B., Kansas Wesleyan, 1903. *Religious Education*
- Pierson, Emily      Cromwell, Conn.  
A.M., 1908; A.B., Vassar, 1907
- Piotrowska, Helena      New York City  
A.B., Cornell, 1909
- Porter, Caroline Johnson      Philadelphia, Pa.  
A.B., Wellesley, 1899
- Potter, Robert J.      New York City  
B.S., Syracuse, 1915
- Poull, Louise Elizabeth      Ellensburg, Wash.  
B.S., 1917. *Psychology*
- Pratt, A. Lila      Southington, Conn.  
A.B., Mt. Holyoke, 1910. *Mathematics*
- Price, Aaron Ely      Brooklyn, N. Y.  
B.S., Canisius, 1917. *History*
- Prince, Sylvia Victoria      New York City  
A.B., Hunter, 1918
- Pritchett, Katharine Asquith      New York City  
B.S., 1913
- Pye, Olive Fawcett      Rochester, N. Y.  
A.B., Smith, 1910
- Pyle, Stephen Donald      Brooklyn, N. Y.  
A.B., Brown, 1910. *Religious Education*
- Quimby, Dorothy Katherine      Leonia, N. J.  
A.B., Earlham, 1910
- Race, Stuart R.      Maplewood, N. J.  
A.B., Lafayette, 1911. *Administration*
- Rade, Marie Sophia      New York City  
A.B., Adelphi, 1917. *History*
- Rae, Anne M.      Brooklyn, N. Y.  
A.B., 1906; A.B., Hunter, 1903
- Rankin, Estabrook      Ypsilanti, Mich.  
A.B., California, 1915. *English*
- Rautenstrauch, Minnie B.      Palisade, N. J.  
A.B., Missouri, 1903. *Household Arts*
- Ray, Fanny Allen      Guthrie, Okla.  
B.S., Chicago, 1910
- Reagle, Fred Pearson      Montclair, N. J.  
A.M., Muhlenberg, 1905; A.B., Muhlenberg, 1901
- Reed, Annie Martha      Somerville, N. J.  
A.B., Vassar, 1874
- Reich, Abraham      New York City  
A.B., C. C. N. Y., 1909
- Reigart, Katherine Mifflin      Yonkers, N. Y.  
B.S., 1916. *English Education*
- Reuther, Edward Arthur      Westfield, N. J.  
B.S., 1911. *Vocational Education*
- Richardson, Marguerite      New Rochelle, N. Y.  
A.B., Mt. Holyoke, 1911. *German*
- Riley, John Lawrence      East Weymouth, Mass.  
A.M., 1914; B.S., 1913
- Riley, Marietta      Brooklyn, N. Y.  
A.M., 1916; A.M., N. Y. Univ., 1913; A.M., Adelphi, 1908; A.B., Adelphi, 1907. *Elementary Education*
- Roantree, William Fox      Leonia, N. J.  
A.B., Colgate, 1904
- Robinson, Annie Brice      Palestine, Tex.  
A.B., Texas, 1917. *Physical Education*
- Robinson, Ethel Maria      East Orange, N. J.  
B.S., 1917
- Robinson, Lewis Perrine      Westfield, N. J.  
A.B., Bucknell, 1912

- Robinson, Mabel (Mrs.) Oakland, Cal.  
B.S., California, 1900. *Institutional Administration*
- Rogers, Elizabeth Neal Zebulon, Ga.  
B.S., Peabody, 1917; A.B., Wesleyan, 1905.  
*Latin*
- Rogers, Emma Gertrude New Britain, Conn.  
A.M., 1917; A.B., Mt. Holyoke, 1898
- Rogers, Wentworth Portland, Ore.  
A.B., Iowa State, 1912
- Romer, Helen Dorothea Ossining, N. Y.  
A.B., Vassar, 1912
- Rose, Francis Howard Norwich Town, Conn.  
B.D., Newton Theol., 1912; A.B., Colby,  
1909
- Rosen, Benjamin Baltimore, Md.  
B.S., 1915
- Rugg, Walter Bernard East Orange, N. J.  
B.S., N. Y. State Teachers Coll., 1914
- Runnals, Nettie May Foxcroft, Me.  
A.B., Colby, 1908. *Mathematics*
- Runnels, Ross Owen Eau Claire, Mich.  
A.M., 1916; B.S., 1915. *Administration*
- Russell, Elizabeth Lincoln New Bedford, Mass.  
B.L., Smith, 1903
- Rutherford, Eugenia Elizabeth Newman, Ill.  
A.B., Illinois, 1915. *Physical Education*
- Sadler, Omar T. Hart, Mich.  
A.M., Chicago, 1917; A.B., Wisconsin, 1916.  
*Administration*
- Sale, Sarah Frances Danburg, Ga.  
B.S., 1912. *Household Arts Education*
- Sangster, Frank Ossining, N. Y.  
A.B., Iowa State, 1915. *Industrial Arts*
- Santee, Eloise Bentley Brooklyn, N. Y.  
A.B., Smith, 1899
- Saunders, Agnes Aspen, Col.  
Pd.M., Colorado Coll., 1912; A.B., Colorado  
Coll., 1905. *Nutrition*
- Saunders, Wilbur Eddy Providence, R. I.  
A.B., Brown, 1916
- Sawyer, Harriet Norborne, Mo.  
A.B., Vassar, 1907
- Schamus, John B. New York City  
B.S., C. C. N. Y., 1904
- Schoolman, Albert P. New York City  
B.S., C. C. N. Y., 1917. *Philosophy*
- Schorling, Marie Oury New York City  
Ph.B., Chicago, 1910. *Administration*
- Schorling, Raleigh Batesville, Ind.  
A.M., Chicago, 1916; A.B., Michigan, 1911
- Schragenheim, Betty Leonia, N. J.  
A.M., 1917; B.S., 1915
- Schreyer, Emma Agnes New York City  
A.M., 1905; A.B., Indiana, 1900
- Schubert, Bernard S. Brooklyn, N. Y.  
A.B., C. C. N. Y., 1917. *History*
- Schultz, Albert Martin Arlington, N. J.  
L.B., Rutgers, 1915
- Schupper, Charles Brooklyn, N. Y.  
A.B., N. Y. Univ., 1917
- Scott, Cora Arnot New York City  
A.M., 1905; A.B., 1900
- Scudder, Ruth Lawing Albany, N. Y.  
A.B., Wellesley, 1916
- Searson, James William Manhattan, Kan.  
A.M., Nebraska, 1899; A.B., Nebraska, 1896
- Seneker, James Seehorn Mendon, Mo.  
B.D., Vanderbilt, 1912; A.B., Missouri, 1910
- Shafer, Elwood Ward Mamaroneck, N. Y.  
A.B., Syracuse, 1903
- Shaffer, Blanche Elaine Andes, N. Y.  
B.S., 1912
- Shaffer, Ray Lee Atlantic Highlands, N. J.  
A.M., 1917; Ph.B., Dickinson, 1909. *Administration*
- Sharlitt, Michael Pleasantville, N. Y.  
A.M., 1909; A.B., C. C. N. Y., 1903
- Sharot, Mary Elizabeth Brooklyn, N. Y.  
B.S., Adelphi, 1914
- Shaver, Erwin Leander Eau Claire, Wis.  
S.T.B., Garrett Biblical, 1916; A.M., Lawrence, 1914; A.B., Lawrence, 1913. *Religious Education*
- Shaw, Frank Leslie Brooklyn, N. Y.  
L.L.B., Georgetown, 1911; A.B., Tufts, 1904.  
*Administration*
- Shaw, Fred Belle Custis, O.  
A.M., Cincinnati, 1910; Ph.B., Ohio, 1906
- Shea, Catherine Mary Ashland, Wis.  
A.B., Wisconsin, 1912. *English*
- Shepherd, Fred Strong Passaic, N. J.  
Ph.D., Pennsylvania, 1897; A.B., Beloit, 1884
- Sherertz, Dwight Lamar Roanoke, Va.  
A.M., Princeton, 1914; A.B., Roanoke, 1913
- Shields, John William Brooklyn, N. Y.  
A.B., Adelphi, 1916. *Elementary Education*
- Shoemaker, James Harry Muncy, Pa.  
B.S., Bucknell, 1908. *English*
- Shoop, Charles Wilson New York City  
A.B., Lebanon Valley, 1908
- Short, Jenise Brown (Mrs.) Pittsfield, Mass.  
A.B., Wisconsin, 1914. *Household Arts*
- Siegel, Fred New York City  
B.S., 1916
- Simmons, Henry Sherman Boise, Idaho  
A.M., Chicago, 1915; A.B., Central Normal,  
1898. *Administration*
- Simmons, John W. New York City  
B.A., Dickinson, 1903
- Simmons, Stella S. Lawrence, Kan.  
A.B., Kansas, 1916. *Household Arts*
- Simons, Katherine Wood New York City  
A.B., Swarthmore, 1916
- Simons, Lao Geneva New York City  
A.M., 1912; B.S., 1908
- Sinclair, J. Edwin Newark, N. J.  
A.M., 1907; B.S., 1906

- Sites, Clement Moore Lacey Foochow, China  
Ph.D., 1899; A.B., Ohio Wesleyan, 1887
- Sites, Evelyn Worthley, (Mrs.) Foochow, China  
A.B., Mt. Holyoke, 1896
- Skinner, Gertrude Eliza Brooklyn, N. Y.  
B.S., 1912
- Smail, Clarence Brooklyn, N. Y.  
B.D., Yale, 1910; A.B., Bethany, 1908
- Small, Maude Truesdale Cleveland, O.  
B.S., N. Y. Univ., 1917; L.B., Western Reserve, 1898
- Smith, Ada Clara Norwood, N. Y.  
Pd.B., Syracuse, 1908; A.B., Goucher, 1905
- Smith, Alice I. (Mrs.) Brattleboro, Vt.  
A.B., Wellesley, 1903
- Smith, Annette Minrow (Mrs.) Winona, Minn.  
Ph.B., Chicago, 1917. *Administration*
- Smith, Clarence Nevel Inka, Ill.  
B.L., Univ. of California, 1912. *Administration*
- Smith, Edgar Dayton Leonardo, N. J.  
B.S., Cornell, 1913
- Smith, Elvira Thrall Evanston, Ill.  
B.S., Ohio, 1913; A.B., Ohio, 1912
- Smith, Fred Tredwell Melrose Highlands, Mass.  
A.B., Harvard, 1915
- Smith, Herbert Otty Brooklyn, N. Y.  
A.B., Amherst, 1909
- Smith, Hilda Los Angeles, Cal.  
B.S., 1912
- Smith, Marguerite Levina New York City  
B.S., 1916. *Physical Education*
- Smith, Milton Myers Bridgeport, Conn.  
A.B., Clark, 1912
- Smith, Olive Jennie Alma, Michigan  
Ph.B., Alma, 1907
- Smith, Raymond Frederick Englewood, N. J.  
A.B., Harvard, 1907. *Administration*
- Soltes, Mordecai Brooklyn, N. Y.  
B.S., N. Y. Univ., 1915. *Elementary Supervision*
- Spearing, Jessie New Orleans, La.  
A.M., 1916; A.B., H. Sophie Newcomb, 1905
- Speer, Alma Jane Sherman, Tex.  
A.B., Texas, 1913; L.B., North Texas, 1909. *Household Arts*
- Sprague, Harry A. Newark, N. J.  
B.S., 1914. *Administration*
- Stamm, Caroline L. Mt. Vernon, N. Y.  
A.M., 1910; B.S., 1908
- Starr, Charles Craig Fresno, Cal.  
B.S., Cornell, 1893; Ph.B., Mount Union, 1892. *Administration*
- States, Dora Alice Spencerville, O.  
B.S., Ohio State Normal, 1917. *Elementary Supervision*
- Steele, Roxana Aler Baltimore, Md.  
B.S., 1912
- Steinbach, Reuben New York City  
Ph.D., Johns Hopkins, 1916; A.B., Johns Hopkins, 1913
- Stevenson, David Franklin New York City  
A.B., C. C. N. Y., 1915. *History*
- Stewart, Margery Pittsburgh, Pa.  
A.B., Pennsylvania, 1914. *Practical Science*
- Steyn, Cecil Henry Cape Town, South Africa  
A.M., 1917; A.B., South Africa, 1912. *Mathematics*
- Stobaugh, Frances A. Leonia, N. J.  
B.S., 1917. *German*
- Stone, Mabel Eleanor Brooklyn, N. Y.  
A.B., Smith, 1909. *Religious Education*
- Storer, Amy Drinkwater (Mrs.) Richmond Hill, N. Y.  
A.B., Mt. Holyoke, 1903. *Foods and Cookery*
- Strawinski, William Evans New York City  
A.B., Dickinson, 1912
- Struck, Ferdinand Theodore Orange, N. J.  
A.M., 1914
- Sunderland, Florence New York City  
A.M., Michigan, 1916; A.B., Michigan, 1903
- Sutor, Julia Louise Lockland, O.  
A.B., Cincinnati, 1901
- Swann, Anne Perkins Plainfield, N. J.  
A.B., Vassar, 1917. *Physical Education*
- Sweet, Lennig Denver, Col.  
A.B., Princeton, 1916
- Swensen, Henry Edward Seattle, Wash.  
A.M., Wisconsin, 1911; A.B., Wisconsin, 1907. *Administration*
- Swift, Elizabeth Andrews Robbinsville, N. J.  
A.B., Illinois, 1909. *Philosophy of Education*
- Symonds, Eleanor Louise New York City  
A.B., Hunter, 1912. *Science*
- Tang, Yuet Ha Anna Hongkong, China  
A.B., Oberlin, 1917
- Taylor, Jeannette Stuart Brooklyn, N. Y.  
A.M., 1908; A.B., Vassar, 1904
- Taylor, Nell Florence Tuscola, Ill.  
A.B., Illinois, 1908
- Teas, Elizabeth M. Brooklyn, N. Y.  
B.S., 1917. *Psychology*
- Templeton, Mabel Eunice New Haven, Conn.  
A.B., Syracuse, 1914. *English*
- Terry, Muriel Kathleen New York City  
A.B., Barnard, 1917. *Physical Education*
- Thomas, Guy Revere Brooklyn, N. Y.  
B.S., Pennsylvania, 1905. *Physical Science*
- Thomason, John Furman West Point, Ia.  
A.M., 1911; A.B., Furman, 1903
- Thompson, Eva Belle Colorado Springs, Col.  
A.B., Colorado, 1906
- Thoms, Fred H. Hawthorne, N. J.  
B.S., N. Y. Univ., 1916. *Administration*
- Tice, Sabra Colby (Mrs.) New York City  
A.M., 1913; A.B., 1907

- Tisdale, Velma Georgetown, Tex.  
A.B., Southwestern, 1908
- Todd, Rhoda Hanna New York City  
A.B., Wellesley, 1906
- Tolles, Rachel Eliza Attica, N. Y.  
A.B., Elmira, 1890
- Tomlin, Stella Millicent Brooklyn, N. Y.  
A.B., Adelphi, 1905. *Mathematics*
- Torrance, Andrew A. Huntington, W. Va.  
B.S., West Virginia, 1910
- Torres, Arturo Sussex, N. J.  
A.M., 1914; B.S., 1913. *Administration*
- Totten, Roger Lockwood Paterson, N. J.  
Ph.B., Lafayette, 1914. *Secondary Education*
- Tour, Isabelle Sophia Pueblo, Col.  
A.B., Colorado, 1914. *Mathematics*
- Touton, Frank Charles Edgerton, Wis.  
A.M., 1917; Ph.B., Lawrence, 1901. *Secondary Education*
- Townsend, Arthur Swain Mt. Vernon, N. Y.  
Ph.B., Brown, 1905
- Townsend, Elinor Bushnell Bolivar, Mo.  
B.S., 1917. *Kindergarten*
- Townsend, Emilie Grand Rapids, Mich.  
B.S., 1908
- Trapp, Herbert A. St. Paul, Minn.  
Ph.B., Hamline, 1904. *Administration*
- Trube, Jessie Maud Yonkers, N. Y.  
B.S., 1904. *Kindergarten*
- Trump, Marjorie Syracuse, N. Y.  
A.B., Radcliffe, 1913
- Tugel, Dolphus Eugene Berger, Mo.  
A.M., 1917; B.S., Missouri State, 1913;  
Pd.B., Missouri State Normal, 1906
- Vail, Edna Adams Hamden, N. Y.  
B.S., 1914. *History*
- Vail, Leora Benton, Wis.  
Ph.B., Wisconsin, 1911. *Elementary Education*
- Valet, Edith Moore Palisade, N. J.  
A.M., 1913; A.B., 1912
- Van Allen, Martha Montague Glen Ridge, N. J.  
A.B., Vassar, 1916. *Elementary Education*
- Van Buskirk, Annie Schmelzel New York City  
A.M., 1912; A.B., 1911
- Vance, James Milton Wooster, O.  
Ph.D., Jena, 1907; B.D., McCormick Theol.,  
1909; A.B., Lake Forest, 1896
- Vance, Marjorie Humphrey Delaware, O.  
A.B., Ohio Wesleyan, 1911. *Household Arts*
- Van Liew, Marion Syddum Seattle, Wash.  
B.S., 1913. *Vocational Education*
- Van Wormer, Wellington E. Middleburgh, N. Y.  
A.M., Pennsylvania, 1909; Pd.B., N. Y.  
State, 1902; Ph.B., Union, 1901
- Vaughan, Roy Benjamin Queens, L. I.  
B.S., 1918. *Industrial Arts*
- Wada, Tomi Chofu, Yamaguchi, Japan  
A.B., Japan Women's Univ., 1917
- Wadleigh, Joseph Bertram Hackensack, N. J.  
A.M., Harvard, 1913; A.B., Bates, 1909
- Waite, Mary Floyd Hartford, Conn.  
A.M., 1917; B.S., 1909
- Walker, Alice Mary St. Croix Falls, Wis.  
A.B., Wisconsin, 1907. *English*
- Walker, Evelyn New York City  
A.B., Hunter, 1916. *Mathematics*
- Wall, Mary Eliza Ogdensburg, N. Y.  
A.M., 1916; Ph.B., Syracuse, 1908
- Wallace, Ruth Denver, Col.  
A.B., Denver, 1904
- Walsch, Elizabeth A. Marathon, N. Y.  
A.M., 1917; B.S., 1916
- Walsh, Elizabeth Anna New York City  
A.M., 1917; B.S., 1916
- Wang, Wen-Pei China  
B.S., Pennsylvania, 1917. *Vocational Education*
- Waring, Agnes Louise Long Branch, N. J.  
A.B., Syracuse, 1904
- Warner, Grace Boole Rochester, N. Y.  
A.B., Cornell, 1913. *English*
- Warriner, Eugene Saginaw, Mich.  
A.M., Michigan, 1912; A.B., Michigan, 1891
- Waugh, Arthur Laurence San Francisco, Cal.  
A.M., California, 1917; A.B., California,  
1916. *Administration*
- Weatherly, Alice Stone Anniston, Ala.  
A.B., Agnes Scott, 1916. *Mathematics*
- Webb, Ethel Willard Mt. Vernon, N. Y.  
A.M., 1916; A.B., 1913. *History*
- Webb, Louella Orange St. Paul, Minn.  
Ph.B., Hamline, 1901. *English*
- Weeks, Curtis Porter New Brighton, S. I.  
B.S., N. Y. Univ., 1912
- Weinstock, George New York City  
A.B., C. C. N. Y., 1913
- Weisenberg, Morris New York City  
A.B., C. C. N. Y., 1903
- Weissbraun, Antonie New York City  
Ph.D., Vienna, 1913
- Welkowitz, Samuel New York City  
B.S., C. C. N. Y., 1917. *Mathematics*
- Welles, Louise M. New York City  
B.S., 1917. *Industrial Arts*
- Wells, Edna Marie New York City  
A.B., Hunter, 1916. *Fine Arts*
- Wells, Mae Lavinia New York City  
B.S., 1914. *Household Arts*
- Wellwood, Margarette Boston, Mass.  
Ph.B., Denison, 1917. *Kindergarten*
- West, Frances Louise St. Petersburg, Fla.  
A.B., Agnes Scott, 1915. *Biology*
- West, Louis Francis Brooklyn, N. Y.  
B.S., 1915. *Music*

- Wheat, Frank Merrill New York City  
A.M., 1909; B.S., Kentucky, 1908
- Wheeler, Laura Maude Geneva, Neb.  
Ph.B., Laurence, 1896
- Whitaker, Luella N. C. Bellingham, Wash.  
B.S., 1917
- White, Cornelia Fowler New York City  
A.M., N. Y. Univ., 1902; A.B., Hunter, 1892
- White, Gladys Sherwin Rochester, N. Y.  
A.B., Rochester, 1916. *Fine Arts*
- White, Howard Dare Jersey City, N. J.  
A.M., 1914; A.B., Franklin and Marshall,  
1897
- Whitworth, Olive Margaret Cleveland, O.  
A.B., Western Reserve, 1900. *Physical  
Education*
- Whyte, Andrew Condit Ridgefield Park, N. J.  
M.E., Stevens Institute, 1910
- Wichelns, Alma Brooklyn, N. Y.  
A.B., Cornell, 1915. *Physical Education*
- Wiggins, Theodore DuBois Freeport, N. Y.  
B.S., 1917. *History*
- Wilbur, Mary Helena Bethlehem, Pa.  
A.B., Missouri, 1917. *Fine Arts*
- Wildrick, Charles David Highwood, N. J.  
A.B., 1913; *Secondary Education*
- Wiley, J. Burton Morristown, N. J.  
A.B., Lafayette, 1905
- Wilkinson, William Albert Mayville, N. D.  
A.M., Missouri, 1911; B.S., Missouri, 1910.  
*Administration*
- Williams, Grace Irene Middleport, N. Y.  
B.S., 1910. *Household Arts*
- Williams, Lewis Caleb Brooklyn, N. Y.  
A.B., Kenyon, 1892; A.M., Kenyon, 1899
- Williams, Theodore C. Armour, S. D.  
B.D., Chicago Theological Sem., 1901
- Wilson, Christine Towne East Orange, N. J.  
A.B., Mt. Holyoke, 1917. *Religious Education*
- Wilson, Clara Owsley Lincoln, Neb.  
A.M., Nebraska, 1915; A.B., Nebraska, 1912.  
*Kindergarten*
- Wilson, Florence Margaret Dallas, Tex.  
A.B., Washington, 1915. *Fine Arts*
- Wilson, Guy Mitchell Ames, Ia.  
A.M., Indiana, 1908; A.B., Indiana, 1900.  
*Administration*
- Wilson, Stella M. Stella, Wash.  
A.B., Washington State Coll., 1911
- Winters, Jet Corine Fort Worth, Tex.  
B.S., 1915; A.B., Texas, 1911
- Wolcott, Adela Zoe Wabash, Ind.  
Ph.B., Chicago, 1909. *Household Arts*
- Wolo, Plenyono Gbe Liberia, West Africa  
A.B., Harvard, 1917
- Wood, LaVergne Racine, Wis.  
A.B., Wisconsin, 1910. *Mathematics*
- Woodford, Marjorie Burton Claremont, Cal.  
A.B., Pomona, 1916. *Spanish*
- Woodruff, Jessie Heguembourg (Mrs.)  
Dunkirk, N. Y.  
A.B., Vassar, 1904
- Woodward, Carrie Wile Carlisle, Pa.  
A.M., Dickinson, 1914; A.B., Dickinson,  
1912
- Woodworth, Carlos Anderson West New York, N. J.  
B.Pd., Ohio, 1898
- Work, Edna Everett Hastings, Neb.  
A.B., Doane, 1904
- Works, Belle New York City  
B.S., Texas, 1917; A.B., Texas, 1916. *Institutional Administration*
- Wylie, Andrew Tennant New York City  
A.M., Indiana, 1907; A.B., Indiana, 1906.  
*Educational Psychology*
- Yen, Hunter Chi-Ching Anking, China  
A.B., Boone, 1914. *Secondary Education*
- Zachman, Martha Mae Oregon, Mo.  
B.S., Northwestern, 1907. *English*
- Zajac, Hirsch M. New York City  
B.S., C. C. N. Y., 1915
- Ziebach, Martha Meclata Lake George, N. Y.  
A.B., Wellesley, 1916
- Zimand, Elizabeth Sara New York City  
A.B., Ohio, 1913. *History*
- Zouck, Alice Marguerite Reisterstown, Md.  
A.B., Goucher, 1914. *English*
- Zumwinkel, Alwine Caroline Utica, Neb.  
A.B., Nebraska, 1912. *Dietetics*
- Zweifel, Joseph Jacob New York City  
B.S., C. C. N. Y., 1915

#### UNCLASSIFIED STUDENTS IN EDUCATION

- Abell, Katherine Fullagar Dunkirk, N. Y.
- Abrams, Jeanette Freada New York City
- Albert, Helen Horton New York City
- Aldrich, Mary Edith Riverhead, L. I.
- Algie, Kate Clark Champlain, N. Y.
- Allen, Glendora New Britain, Conn.
- Allen, Grace Amelia Oswego, N. Y.
- Amadeo, Teresa Guaynabo, Porto Rico
- Anderson, Ernest Mitchell Hancock, Mo.
- Anderson, Sarah Davis Bayonne, N. J.
- Andrews, Edwin C. Greenwich, Conn.
- Anspacher, Mildred Gomez New York City
- Arason, Steingrimir Reykjavik, Grundarstig, Iceland
- Ashraf, Ghodsea Mariam Teheran, Persia
- Atwood, Evelyn Estelle Springfield, Mass.
- Azadian, Arans Hovanes Armenia
- Babb, Helen Hannah Ardmore, Pa.
- Backus, Grace Newark, N. J.
- Ball, Cynthia M. Pasadena, Cal.
- Ball, I. Grace New York City
- Ballard, Eva Charlotte New York City
- Banker, Carolyn Elizabeth New York City

Barkenbus, Alice Gelatt	Ithaca, N. Y.	Child, Grace	Red Bank, N. J.
Barnes, Bertie Ford	Lynchburg, Va.	Chittenden, Anna Pratt	Buffalo, N. Y.
Barnum, Edith Cornelia	New York City	Christie, Henrietta (Mrs.)	Bayonne, N. J.
Barrows, Jeannette	Berkeley, Cal.	Clare, Sister Aloysia	Bristow, Va.
Bassett, Katherine Elizabeth	Oswego, N. Y.	Clark, Sarah Beatrice	Litchfield, Conn.
Bate, Alfred John	Yonkers, N. Y.	Clark, Theodosia Martha	San Diego, Cal.
Beaber, Lillie Belle	Fort Wayne, Ind.	Cohen, Esther R.	New York City
Bedrick, Jennie	New York City	Collins, Anna Eaton	New York City
Beebe, Lila Adeline	Newark, N. J.	Collins, Winifred	Southbridge, Mass.
Beecher, Emily	New Haven, Conn.	Congdon, Luddie Bateman	
Bergin, Elizabeth Anastasia	New York City		Shelter Island, N. Y.
Bertran, Concepcion	New York City	Conway, Hannah Lavina	New York City
Best, F. Grace	Rye, N. Y.	Cooper, Florence May	Passaic, N. J.
Bissell, Kathryn Levitt	New York City	Coulter, Jane Ealing (Mrs.)	
Bitz, Nellie Edith	Hackensack, N. J.		Vernonville, Ontario, Canada
Bjerregaard, Georgina A.	New York City	Coykendall, Mary Helen	Philadelphia, Pa.
Blackwell, Anna King	Washington, D. C.	Crowell, Joseph Edwin	East Weymouth, Mass.
Blankenship, Alva Carruth	Gatesville, Tex.	Crumby, Mabel Gardner	Phoenix, Ariz.
Boggs, Katharine P.	Augusta, Ga.	Curran, Margaret Craig	Portland, Ore.
Bohm, Florence Jennie	New York City	Dalglish, Alice	New York City
Bousfield, Elfrida Gambier	New York City	Daniels, Ethel	Sag Harbor, L. I.
Bradner, Caroline Margaret	Warwick, N. Y.	Davis, Lowry	Greenville, S. C.
Brannin, Nellie	Atlantic Highlands, N. J.	Davis, Mary Barnett	
Brett, Anna	Flushing, N. Y.		Kashing (via Shanghai), China
Brett, Edith Marilla	Flushing, N. Y.	Davis, Mary Dabney	New York City
Briggs, Dora Mary	Fitchburg, Mass.	Davison, Katharine	Garfield, N. J.
Briggs, Frances	Passaic, N. J.	Dawson, Marjorie E.	Jersey City, N. J.
Briggs, Grace Warren	Englewood, N. J.	Day, Jane	New York City
Broadbent, Wallace Munroe	Paterson, N. J.	Deane, Lotta Louise	Fredonia, N. Y.
Broughton, Sarah Elizabeth	New York City	Decker, Alva	Port Richmond, N. Y.
Brown, Allene	Hart, Mich.	Delattre, Marcelle	Washington, D. C.
Brown, Cecile	Brooklyn, N. Y.	Dellicker, Helen Maude	Trenton, N. J.
Brown, Elizabeth Kirkbride	Germantown, Pa.	del Portillo, Lucia	Habana, Cuba
Brown, Lucy Lovell	Boonton, N. J.	Dempsey, Harold Edwin	Fitchburg, Mass.
Brown, Stella Elizabeth	Baltimore, Md.	den Bleyker, Anne	Kalamazoo, Mich.
Brown, Zadie Ellen	Ft. Edward, N. Y.	Des Jardins, May Eleanore	Denver, Col.
Buchakjian, Levon Hagah	Tarsus, Turkey	Dieffenbacher, Agnes Edna	Utica, N. Y.
Buck, Olga LaBelle	Hawley, Pa.	Dodd, John William	Freeport, L. I.
Budd, Harriet	Elizabeth, N. J.	Dolan, Enid Beatrice E.	Superior, Wis.
Bullis, Jeannette	Detroit, Mich.	Donohugh, Emma Edith	Cynwyd, Pa.
Bullock, Helen Mary	Cadiz, O.	Douglass, Grace A.	Ridgewood, N. J.
Burdick, Maida Christine	Stamford, Conn.	Downer, Lilla DeMar	Montclair, N. J.
Burgdorff, Nelda	East Orange, N. J.	Dransfield, John Edgar	Fairview, N. J.
Burke, Vincent Patrick		Du Bois, Eugenia Brodhead	New Paltz, N. Y.
	St. Johns, Newfoundland	Eaton, Gertrude Frances	Duluth, Minn.
Butler, Georgiana Margaret	Brooklyn, N. Y.	Eldred, Irene	Deer Lodge, Mont.
Callaway, Theodosia Tucker (Mrs.)		Elliot, Gabrielle	Rumford Point, Me.
	Springfield, Mo.	Emery, Stephen	Brooklyn, N. Y.
Carlton, Elizabeth Clearman	Newark, N. J.	Emmons, Mary	Weehawken, N. J.
Carroll, Mary Evelyn	Oswego, N. Y.	Entenberg, Ralph	Pleasantville, N. Y.
Carter, Agnes Eleanor	Mt. Vernon, N. Y.	Estes, Mary Theresa	Fabius, N. Y.
Carter, Dagary (Mrs.)	Nanking, China	Ewing, Marjorie	River Falls, Wis.
Caryl, Hazel Beatrice	Palmer, Mass.	Ewing, Ruth Dorothy	River Falls, Wis.
Case, Mary Cushing	New York City	Faison, Martha Hicks	Faison, N. C.
Caskey, Effie Jane	Harbor Springs, Mich.	Faris, Susan	Lerna, Ill.
Chang, Poling	Tientsin, China	Fearis, Emma Elizabeth	Jersey City, N. J.
Chang, Sze-Yi	Shingtoch, Ki, China	Fehlman, Mary Osborn	New York City
Chase, Frances Lucile	Salem, Ore.	Ferruggiari, Nancy Katherine	New York City
Chick, Mary Elizabeth	Hopewell, N. J.	Folts, Lena Iola	Frankfort, N. Y.

Fowler, Marie Belle	Lincoln, Neb.	Hudson, Leonora Dietz	Worcester, N. Y.
France, Marie Gertrude	New York City	Hughes, Avah Willyn	Cincinnati, O.
Franklin, Ethel	Toledo, O.	Hughes, Katherine Bernice	New York City
Frederick, Mary Charlotte	Lakewood, O.	Hume, Helen Irene	Owasso, Mich.
Free, Albert V.	Peekskill, N. Y.	Hungerford, Ellen Roberta	Chili, Wis.
Freeland, Marietta House	East Orange, N. J.	Inks, Edith	Shelly, Neb.
French, Emily Huntington	New Hartford, N. Y.	Ishihara, Kiku	Tokio, Japan
Fujii, Toshitaka	New York City	Jack, Pearl Elizabeth	Wauconia, Ia.
Garst, Gretchen	Fairfield, Ia.	Jaffe, Jacob	Brooklyn, N. Y.
Gaskins, Emma Alvaretta	New York City	Jahn, Henrietta Maria	Passaic, N. J.
Gebhardt, Erma	Erie, Pa.	Johnson, Abigail Elizabeth	Morristown, N. J.
Getz, Elizabeth Miller	Brooklyn, N. Y.	Johnson, Josephine	Oxford, N. J.
George, Jennie W.	Port Chester, N. Y.	Johnson, Louise	Columbus, Ga.
Giardina, Joseph	Elmhurst, L. I.	Jones, Lillian Louisa	Holley, N. Y.
Giery, Mary Elizabeth	Long Island City, L. I.	Jones, Louise	Brooklyn, N. Y.
Gilbert, Clara Severine	Aurora, Ill.	Keeler, Lena May	Cattaraugus, N. Y.
Gill, Elizabeth Ingersoll	Hackensack, N. J.	Kellogg, Gertrude Frances	Kansas City, Mo.
Gilligan, Mary Ann	Becker, Minn.	Kelly, Florence Cecilia	Milwaukee, Wis.
Gjesdahl, Fred. Lorentzs	Bergen, Norway	Kelly, Julia	St. Louis, Mo.
Glasser, Forrest Grover	Butler, N. J.	Kendall, Ruth Carlton	Binghamton, N. Y.
Glover, Clara Sanger	Bronxville, N. Y.	Ketcham, Parley Smith	Westfield, N. J.
Goe, Elizabeth Rounds	Philipse Manor, N. Y.	Klaer, Anna	Milford, Pa.
Goldsmith, Elsie Helen Borg	New York City	Klepper, Leah Henrietta	Brooklyn, N. Y.
Goodale, Anna Catherine	Waterloo, Ia.	Kong, Rhoda Eleanor	Canton, China
Gowdy, Frances Welling	Brooklyn, N. Y.	Lamson, Edna Emma	Rockville, Me.
Grace, M. Annie	Baltimore, Md.	Lancey, Lilla	Ridgewood, N. J.
Greenwood, Ernest	Islip, L. I.	Langley, Elizabeth Euphrosyne	Chicago, Ill.
Hagedorn, Bertha Idaline	Lawrence, L. I.	LaSalle, Jesse Elizabeth	Duluth, Minn.
Hall, Elizabeth Denny	Belmont, N. C.	Lavelle, Elizabeth	Denver, Col.
Hall, Jessie Elizabeth (Hopton)	New York City	LaVoy, DeForest	North Tarrytown, N. Y.
Hamer, Ellen Elizabeth	Montclair, N. J.	Lawlor, Caroline Elizabeth	New York City
Harris, James Edward	Brooklyn, N. Y.	Laws, Gertrude	San Diego, Cal.
Hartmann, Antoinette Eleonore	Paterson, N. J.	Leal, Margaret	Plainfield, N. J.
Haskell, Edith Lynde	Newton Center, Mass.	Lee, Katherine Frances	New York City
Hawkins, Grace Truman	Greeneville, Tenn.	Leigh, Muriel Wilson	Spokane, Wash.
Hayes, Katherine Agatha	Oswego, N. Y.	Lewis, Elizabeth Bozarth (Mrs.)	Iowa City, Ia.
Head, Sister Gertrude	Bristow, Va.	Lewis, Etta S.	New York City
Herbert, Anna Josephine	Bayonne, N. J.	Li, Chien Hsun	Wing Ting Hsian, Chihli
Herrick, Mary Elizabeth	South Portland, Me.	Light, Ralph Herman	Jersey City, N. J.
Hersey, Katharine Frances	Jamaica Plain, Mass.	Littell, Erva Ann	Bradford, N. J.
Hierholzer, Carl Otto	Brooklyn, N. Y.	Little, Elizabeth Reese	Glendale, O.
Hilker, Hedwig W. D.	Westwood, N. Y.	Loeb, Josephine	New York City
Hinman, Stanley Temple	Westfield, N. J.	Long, Jennie Winans	Elizabeth, N. J.
Holbrook, Grace Ware	Boston, Mass.	Longeway, Frances Elizabeth	Great Falls, Mont.
Holden, Dorothy	Willis, Mass.	Lovell, Frances	New York City
Holden, Horace	Summit, N. J.	Lowry, Edith Pauline	St. Paul, Minn.
Hollis, Gertrude Gray	Forsyth, Ga.	Lutz, Mary Theresa	Michigan City, Ind.
Holly, Ellen	Brooklyn, N. Y.	Lynd, Jane Elizabeth	Dover, N. J.
Holman, Laura Corinne	Ithaca, N. Y.	Lynn, Meda	New Enterprise, Pa.
Holmes, Joseph Lawrence	Oneonta, N. Y.	Lytton, Ruth Twila	West Bedford, O.
Hopkins, Margaret	Franklin, Vt.	McArdell, Wesley Emery	New York City
Hopper, Louise	Brooklyn, N. Y.	McCleery, Florence Mae	Dobbs Ferry, N. Y.
Horrigan, Margaret C.	New York City	McClennen, Josephine	New York City
Hoyer, Luella Pearl	Scarsdale, N. Y.	McCormick, Catherine Elinor	East Braintree, Mass.
Hubbell, Pertilla Gertrude	Rockville Center, L. I.	McCrea, Helen Reinette	Darien, Conn.
Hubert, Dagny Elizabeth	Hartford, Conn.	MacDonald, Mary Lafie	Wellsville, O.



MacFarlane, Anne Walker (Mrs.)	New York City	O'Toole, John Francis	Grantwood, N. J.
McGrath, Mary Josephine	Fitchburg, Mass.	Palmer, Jasper Thomas	Mt. Vernon, N. Y.
McHale, Kathryn	Logansport, Ind.	Parker, Haida Newton	Cambridge, Mass.
McHenry, Luella B.	Benton, Pa.	Parkhurst, Helen	New York City
McKinney, James	West Orange, N. J.	Parkinson, Mary Alice	Carbondale, Ill.
McLean, Margaret	Scranton, Pa.	Parrish, Katherine Fletcher	Santa Monica, Cal.
McMaster, Claude F.	Freeport, L. I.	Patet, Nabibax Jan	Bombay, India
MacMillan, Katherine Livingston	Chateaugay, N. Y.	Pattison, Grace Agnes	Ypsilanti, Mich.
MacNair, Ethel	Middletown, Pa.	Patton, Martha Huntingdon	New York City
McNaughton, Janet Stevens	Los Angeles, Cal.	Pearlberg, Abraham Nathan	New York City
McVey, F. Mabel	Adams, Mass.	Pepple, Blanche E.	Grand Rapids, Mich.
Mackin, Irene Marie	Oswego, N. Y.	Pettit, Lucy Elenora	Fredonia, N. Y.
Maguire, Florence Percival	Hackensack, N. J.	Phelps, Alice Elizabeth	Warehouse Point, Conn.
Manning, James	Elkhart, Ia.	Phelps, Celia Gertrude	Hornell, N. Y.
Manoukian, Matthew Vetanes	Sivas in Armenia	Philipps, Gertrude H.	Augusta, Ga.
Manser, Herbert Edwin	Newark, N. J.	Phillips, Edna K.	New York City
Martin, Mary Frances	Los Angeles, Cal.	Pierce, Fannie Lucinda	Kalamazoo, Mich.
Masten, Zach Gedney	Hudson Heights, N. J.	Pierce, Glen O.	Hudson Heights, N. J.
Matthews, Florence Esther	Sioux City, Ia.	Pitkin, Edgar Steele	East Orange, N. J.
Maurer, Nettie Augusta	Washington, D. C.	Poole, Lottie	Port Tobacco, Md.
Maxwell, Elizabeth G.	Elmira, N. Y.	Popper, Adele Lenore	New York City
Meddins, Winifred	Gunnison, Col.	Porritt, Harriet Elizabeth	New York City
Mendenhall, Eugene Lincoln	Leonia, N. J.	Pott, James Hawks	Shanghai, China
Mesrobian, Zaroohi Anahid	Anahid Sivan, Turkey	Potter, Grace	New York City
Mihleis, Alice May	Ellsworth, Wis.	Powlas, Annie Pauline	Hickory, N. C.
Miller, Clara	Liberty, Pa.	Pumphrey, Margaret Blanche	Oak Park, Ill.
Miller, Eula Josephine	Fargo, N. D.	Pyle, J. T. (Mrs.)	New York City
Miller, Josephine	Pottstown, Pa.	Quilliard, Margaret Jacot	Duluth, Minn.
Minor, Ruby	New York City	Race, Helene Marie	Brooklyn, N. Y.
Mitchell, Rose	Oskaloosa, Ia.	Race, Vienna Mary	Cleveland, O.
Molyneux, John Joseph	Mondamia, Ia.	Radley, Hermon Clinton	Port Washington, L. I.
Moore, Jessie Eleanor	Bloomfield, N. J.	Ramsay, Mary	New York City
Moore, Texa Laura	Holdrege, Neb.	Reed, Elizabeth Allen	New York City
Morrill, Alice Mary	Passaic, N. J.	Reed, Nellie Chapin	Westwood, N. J.
Morris, Mary	Richmond, Va.	Reichenbach, Beatrice H.	New York City
Mossman, Niles Roy	Leonia, N. J.	Reichert, Anna Barbara	Yonkers, N. Y.
Mott, Sarah M.	New York City	Reidy, Katherine Louise	New York City
Muldaur, Theodora	Elizabeth, N. J.	Reinhold, Robert Max	Kalamazoo, Mich.
Mulheron, Helen	New Brighton, S. I.	Reynolds, Helen Mary	Mankato, Minn.
Mulry, Katherine Marie	Kalamazoo, Mich.	Reynolds, Mabel Pearl	Arlington, N. J.
Munro, Sibil Helen	New York City	Reynolds, Mary Elizabeth	New Britain, Conn.
Murphy, Elizabeth Irene	Olean, N. Y.	Rich, Frank M.	Paterson, N. J.
Murphy, Mary Ethel	Englewood, N. J.	Riesenber, Edith	Yonkers, N. Y.
Naumburg, Ruth Morgenthau	New York City	Robertson, Mary Lee	Clayton, Ala.
Neimeyer, Richard Tilghman	Newfoundland, N. J.	Roble, Dora	Austin, Minn.
Nelson, Virginia LaFayette	Scottsburg, Va.	Rodgers, Carolyn I.	Hartsville, Tenn.
Newby, Darlene Doubleday	Pittsburg, Kan.	Rocge, Amy Blanche	Seymour, Ind.
Newman, Anna I.	Yonkers, N. Y.	Roger, Ida Evans	Amsterdam, N. Y.
Nusbaum, Mabel	Clarksburg, W. Va.	Romaine, Jeanette	Hackensack, N. J.
O'Connor, Anne Shane	Lebanon, Ind.	Ross, Sarah Frances	Chicago, Ill.
Odell, Marietta McKinstry (Mrs.)	New York City	Ruddock, Nellie Wilhelmina	Englewood, N. J.
Olive, Mary Clara	Silver City, N. M.	Russell, Helen E. (Mrs.)	Boston, Mass.
Osborne, Emily Rosa	Flushing, N. Y.	Russen, Frank Andrew	Hilton, N. J.
		Ryan, Ella Madeline	New York City
		Ryan, Susan S.	St. Louis, Mo.
		Ryder, Julia	Fond du Lac, Wis.
		Sammond, Margaret Maxwell	Brooklyn, N. Y.

Schloss, May	New York City	Van Valkenburg, Mazie	Dansville, N. Y.
Schneider, Elizabeth Teutonia	Hoboken, N. J.	Varnado, Dean Edwards	Natchitoches, La.
Schutt, Florence Alta	Kingston, N. Y.	Vaughn, Ada Mayham	Richmondville, N. Y.
Scott, Anna Creighton	Englewood, N. J.	Victorius, Pauline J.	New York City
Searing, Henrietta	Dover, N. J.	Waghorn, Gladys Agnes	Brooklyn, N. Y.
Shepherd, Mary Swope	Passaic, N. J.	Walker, Geraldine	Brooklyn, N. Y.
Sherman, A. Marguerite	Brookline, Mass.	Wallis, Amy Angel	Victoria, Australia
Shine, Frances	Oradell, N. J.	Washburn, Mary Wickes	New York City
Shott, Vivian Richards	New Philadelphia, O.	Waterman, Harriett	Fort D. A. Russell, Wyo.
Showalter, Benjamin Roscoe	Dayton, O.	Wathen, Edith Kerans	New York City
Sievers, Sophie Elisabeth	Yonkers, N. Y.	Watson, Marion	Lookout Mountain, Tenn.
Sinclair, Pattie Lucile	Augusta, Ark.	Watson, Rosalie Wheelock	Lunenburg, Mass.
Singer, Clara	Cleveland, O.	Webb, Carrie Boykin	Nashville, Tenn.
Slack, Florence R.	Perry, N. Y.	Weber, Susan Kethledge	New York City
Slayton, Florence Effie	Naples, N. Y.	Webster, Mark Allen	Westfield, N. J.
Smith, Afton	Plattin, Mo.	Weed, Leola	Mt. Vernon, N. Y.
Smith, Bertha	Yonkers, N. Y.	Weikel, Anna Hamlin	New York City
Smith, Constance	Waterloo, Ia.	Weisenburg, Anna Isabel	Philadelphia, Pa.
Smith, Frances Hortense	Ellensburg, Wash.	Welch, Hazel Flaville	Janesville, Wis.
Smith, Grace Margaret	Clifton, N. J.	Wells, Claribel	Hackensack, N. J.
Smith, Maurice L.	Emporia, Kan.	Wells, Florence	New York City
Smith, William	Troy, N. Y.	Wells, Rosa King	Wilson, N. C.
Spaulding, Jean Electa	Groton, N. Y.	Wemyss, Hattie Benners	Gallatin, Tenn.
Spindler, Lavina	Lansing, Mich.	West, Edward Raymond	Kearny, N. J.
Spry, Leslie Cortland	Honesdale, Pa.	Westfall, Grace	Hackensack, N. J.
Srager, Matilda	New York City	Wheeler, Mary Louise	Chatham, N. J.
Stephenson, Julia Mary	New York City	Whitelaw, Jennie M.	New York City
Stevens, Harold Duncnel	Kingston, N. Y.	Whiteman, Edith Jane	Torrington, Conn.
Stillman, Harriet	Rochester, N. Y.	Whiteside, Adelaide (Mrs.)	Louisville, Ky.
Stone, Gertrude Lincoln	Gorham, Me.	Whyte, Alice Torrey	East Orange, N. J.
Stone, Harriet May	New Hartford, Conn.	Wilkins, Rebecca Anne	Roselle Park, N. J.
Strahan, Charles Johnson	Freehold, N. J.	Willard, Eva Gertrude	Weld, Me.
Strong, Marie J.	New York City	Willard, Meriel Wheeler	Passaic, N. J.
Sung, Mildred Yulang	China	Williams, Mary N.	Oak Park, Ill.
Swinerton, Cornelia L.	New York City	Williamson, Pauline Brooks	Farmville, Va.
Tait, Bertha	Cold Spring-on-Hudson, N. Y.	Wilson, Emily Newcomb	Pelham, N. Y.
Takayama, William Kiyoshi	New York City	Wilson, Emma Darling	Hartford, Conn.
Terrill, Frances Alice	New Haven, Conn.	Wilson, Jennie Ethel	Los Angeles, Cal.
Tewinkel, Sarella		Wilson, Minnie Etta	Jamestown, N. Y.
	Chetous, Madras Pres., South India	Winans, Leah Helen	Oneonta, N. Y.
Thayer, Mary Scott	Cleveland, O.	Winford, Amelia	Smyrna, Del.
Thomas, Maude Elizabeth	Buffalo, N. Y.	Wise, Margaret	Elizabeth, N. J.
Thomas, M. Josephine	New York Mills, N. Y.	Wong, Mao Tso	Soochow, China
Thomasian, Vahan M.	New York City	Woodley, Helen Jane	Evanston, Ill.
Thorne, Johnetta Emma	West New York, N. J.	Woods, William Pitt	Kincaid, Kan.
Timmins, Lillian Hurley	Exeter, N. H.	Woodworth, Nancy MacDowell	Rye, N. Y.
Tirapegui, Leiva Luis Alfredo	New York City	Wright, Lula Esther	New York City
Torrance, Fannie N. Wysor	Huntington, W. Va.	Wrisley, Violet Blanchard	Hasbrouck Heights, N. J.
Tressler, Edith Howard (Mrs.)			
	Kew Gardens, L. I.	Yawger, Florence P.	Washington, N. J.
Troy, Ethel Long	Greensboro, N. C.	Yore, Barbara	St. Louis, Mo.
Tucker, Howard Roy	Buffalo, N. Y.	Young, Emilie Louise	Woodridge, N. J.
Tufts, Dorinda Winifred	New York City	Zachry, Caroline Beaumont	New York City
Tuttle, Ernest Waldo	East Orange, N. J.		
Tyler, Georgiana	Marine City, Mich.		
Tyndall, Sara Edith	Oradell, N. J.		
Tzetanova, Luba Christo	Sofia, Bulgaria		
Van Amburgh, Emdon Fritz	New York City		
Van Kirk, Agnes Ellis	New York City		

## SCHOOL OF PRACTICAL ARTS

## SENIORS—CLASS OF 1918

Abbott, Grace	Yonkers, N. Y.
Ahrens, Sara Virginia	Peekskill, N. Y.
Amster, Solomon	New York City

Anderson, Alice Linnea	Brooklyn, N. Y.	Delano, Saidee Eloise	Huntington, L. I.
Andrews, Margaret	Berkeley, Cal.	Deutsch, Gladys Frances	New York City
Arnold, Henrietta A.	Brooklyn, N. Y.	Dick, Marjorie Alice	Yonkers, N. Y.
Avchen, Bessie	Perth Amboy, N. J.	Dowd, Nelle Elizabeth	Muskogee, Okla.
Axtell, Grace M.	Ellendale, N. D.	Eberbach, Lynda Erna	Ann Arbor, Mich.
Bain, Martha Elizabeth	Mankato, Minn.	Eckman, Rena Sara	Leechburg, Pa.
Baldwin, Florence	Elmira, N. Y.	Edling, Alice Mildred	Ridgewood, N. J.
Ballou, Marion Katherine	New York City	Ehrhart, Adela	New York City
Banks, Anna Katherine	Denton, Tex.	Elliott, Ruth Martin	Englewood, N. J.
Barts, Adelaide Anna	Virgil, Ill.	Emery, Dorothy Winthrop	Concord, N. H.
Bauer, Sylvia Melbourn	New York City	Endress, Marguerite C. Sault	Ste. Marie, Mich.
Baumgartner, Sera	Los Gatos, Cal.	Evans, Mary Elsie	Wilkes Barre, Pa.
Beasley, Clara Bradford	Ellington, Conn.	Fanning, Vera Vivian	Riverhead, L. I.
Beaumont, William Watson	Deer Lodge, Mont.	Farrington, Ethel	Washington, D. C.
Bebec, Etta Sophia	Manchester Center, Vt.	Frame, Elsa Louise	Toledo, O.
Beelar, Lola Agnes	Indianapolis, Ind.	Franklin, Kate Mann	Flushing, L. I.
Bennett, Rama Virginia	Boulder, Col.	Frost, Helen	Minneapolis, Minn.
Black, Miriam	Waco, Tex.	Fuller, Florence Idle	Nutley, N. J.
Blancke, Marguerite Isabel	Linden, N. J.	Gallagher, Mary Hazel	Richmond, Va.
Bliven, Helen Canon	New York City	Ganz, Estelle	Jersey City, N. J.
Boatwright, Eleanor Miot	North Augusta, S. C.	Gardner, Beatrice Sturtevant	Westtown, N. Y.
Bogart, Madge Tozer	Oshkosh, Wis.	Gillard, Doris	Englewood, N. J.
Bridge, Sarah Helen	Glen Ridge, N. J.	Gilman, Edith Gladys	Bethel, Vt.
Bridgman, Eleanor Tyson (Mrs.)	Pelham, N. Y.	Gilman, Esther Alice	Bethel, Vt.
Brinkerhoff, Margaret Boughton (Mrs.)		Given, Alta	Dumont, N. J.
	Brooklyn, N. Y.	Goddard, Myra	Leonia, N. J.
Broderick, Katherine Margaret		Goodman, Florence Kleiner	New York City
	Jersey City, N. J.	Goodrich, Katherine Brown	Ossining, N. Y.
Brodie, Helen	Brooklyn, N. Y.	Greenwald, Rose Ruth	Brooklyn, N. Y.
Brown, Marguerite E.	East Rochester, N. Y.	Greig, Mary	New York City
Bryan, John Buckley	Brooklyn, N. Y.	Guernsey, Marion Rockefeller	
Buermeyer, Meta Dorothea	Brooklyn, N. Y.		Schoharie, N. Y.
Burns, Louise Russell Mantell (Mrs.)		Guthrie, Jessie Catherine	Poughkeepsie, N. Y.
	New York City	Hagadorn, Marion Jane	Olean, N. Y.
Carey, Rosamond	Yonkers, N. Y.	Hahn, Louise Caroline	Louisville, Ky.
Castello, Frances Winifred	Brooklyn, N. Y.	Hall, Alma M.	Ridley Park, Pa.
Center, Augusta Blanchard	Forsyth, Ga.	Hamilton, Faye Heene	Newark, N. J.
Clayton, Mary	Toronto, Ontario, Canada	Harmer, Bertha	Toronto, Canada
Cobb, Ethel Fay	Provincetown, Mass.	Haskins, Bertha Katherine	Wellsville, N. Y.
Coffin, Mildred Ethel	New Rochelle, N. Y.	Hawkinson, Nell Xenia	Webster, Mass.
Cohen, Victoria Barad (Mrs.)	Brooklyn, N. Y.	Herckner, Charlotte	Trenton, N. J.
Conant, Gertrude Edith	Waupun, Wis.	Hess, Emma Charlotte	Louisville, Ky.
Conger, Edith	Orange, N. J.	Hill, Hannah	Oberlin, O.
Conover, Ethel Grace		Hill, Ruth E.	Flemington, N. J.
	Brampton, Ontario, Canada	Hindermach, Edna Bertha	Jeddo, Pa.
Conway, Alice	Holyoke, Mass.	Hirst, Katherine	Camden, N. J.
Cook, Gladys Harriette	Brooklyn, N. Y.	Holbrook, Louise Gertrude	East Orange, N. J.
Cook, Sherman R.	Wells, Minn.	Hopper, Arthur Frederick	Plainfield, N. J.
Cooper, Katharine Marie	Brooklyn, N. Y.	Howe, Fanny R.	New York City
Craig, Robert Clifton	Indianapolis, Ind.	Huntly, Mabel Foster	Calais, Me.
Creighton, Elizabeth Hope	Rock Hill, S. C.	Hutchings, Mabel Ione	Chassell, Mich.
Cronin, Lillian Teresa	Minerva, N. Y.	Hyman, Barney Benjamin	Brooklyn, N. Y.
Crossett, Maude Genevieve	Batavia, N. Y.	Illman, Mary Gillespie	Morristown, N. J.
Crounse, Dorothy	Glen Ellyn, Ill.	Ingersoll, Mary Godiva	Delta, Col.
Crozier, Alice Louise	Lewiston, Idaho	Ingerson, Winifred Anne	Mayville, N. Y.
Cubberley, Marjorie	Plainfield, N. J.	Janney, Rebecca Sinclair	Baltimore, Md.
Darling, Clara C.	Hicksville, N. Y.	Jennings, Lucille	Brownwood, Tex.
Davidson, Elizabeth Jean	New York City	Jensen, Emma Botilda	Benson, Minn.
Deatrick, Anna Louise	Kutztown, Pa.	Johnson, Bernice Ellen	Grand Rapids, Wis.

Johnson, Sarah E.	Troy, N. Y.	Nusbaum, Lucille Rebecca	Clarksburg, W. Va.
Jones, Anita Louise	Brooklyn, N. Y.	O'Connor, Mary Speed	New York City
Kaster, M. Louise	Topeka, Kan.	O'Donnell, Mary Patricia	New York City
Kay, Helen Boak	New York City	Olin, John William E.	Rutherford, N. J.
Kemp, May D.	Wichita, Kan.	Olson, Sigurd Bernhardt	Calumet, Mich.
Kennedy, Olive Ingalls	Scranton, Pa.	Ostrander, Gretchen Pond	Schuylerville, N. Y.
Kennerly, Mary Douglas	Gainesville, Tex.		Riley, Kan.
Ketcham, Eleanor McDonald	Culver, Ind.	Otto, Dora Marie	Rochester, N. Y.
King, Charlotte Louise	Ypsilanti, Mich.	Owen, Helen Mildred	Milwaukee, Wis.
Kingsley, Helen Tefft (Mrs.)	New York City	Parks, Hazel	New York City
Kintner, Alice W.	Stroudsburg, Pa.	Patton, Martha H.	Lancaster, Pa.
Klaer, Bertha	Milford, Pa.	Peterson, Caroline F.	Williamsport, Pa.
Klauber, Marguerite Josephine	New York City	Phillips, Elizabeth Barclay	Carthage, Mo.
Kolshorn, Agnes Marie	Red Wing, Minn.	Pickett, Ethel Blanche	New York City
Kudlich, Luise	Driffton, Pa.	Pierce, Emma Kellogg	New York City
Langner, Henrietta M.	Buffalo, N. Y.	Pincus, Max	Baltimore, Md.
Lantz, Louise Berner	Marinette, Wis.	Pinkerton, Eleanor Dawson	Arlington, N. J.
Laub, Cyril Garrison	Brooklyn, N. Y.	Pinney, Mabel M.	New York City
Lawing, Margaret Bell	Catskill, N. Y.	Pohl, Elsa	Lewisburg, W. Va.
Lee, Evelyn M.	New York City	Price, Mary McCue	New York City
Libert, Madeline Louise	Lewiston, Ida.	Pulvermacher, Dolores	Brooklyn, N. Y.
Lied, Inez M.	Fargo, N. D.	Purcell, Reuben Randall	Jersey City, N. J.
Lissauer, Fanny	New York City	Rabinowitz, Helen	Willimantic, Conn.
Littler, Lillian Margaret	Bloomfield, N. J.	Rafferty, Marion B.	Ocean Grove, N. J.
Lloyd, Dorothy A.	New York City	Raisch, W. LeRoy	Delanco, N. J.
Locke, Lillian Hendrickson	Trenton, N. J.	Rapp, Margaret E.	Denton, Tex.
Long, Jessie Ann	Gaylordsville, Conn.	Rathbone, Rosalie Virginia	Grand Rapid, Mich.
McAllister, Bess Lydia	Seattle, Wash.	Retting, Lucy N.	Saginaw, Mich.
McCallum, Amelia Brown	Brooklyn, N. Y.	Rhodes, Ella	Jennings, La.
MacFadden, Harriette Elizabeth	Hollidaysburg, Pa.	Ritchie, Gladys	Knoxville, Tenn.
MacFarlane, Nina Viola	Whitewater, Wis.	Risner, Damaris	Bay City, Mich.
McKechnie, Mary Waters	New York City	Ritchie, Margaret	New York City
MacMillan, Helen May	Brooklyn, N. Y.	Robertson, Margaret Jane	Watertown, N. Y.
Mack, Eleanor Louise	Erie, Pa.	Robertson, William David	Perrysburg, O.
Mack, Irene Marie	Olean, N. Y.	Roose, Gertrude	New York City
Maddi, Patronella Marie	New York City	Rosenthal, Abraham	Norwich, Ontario, Canada
Maltby, Catherine Linsly	Northford, Conn.	Ross, Jessie Dolsen	Mt. Kisco, N. Y.
Mann, Margaret Elder	Lewistown, Pa.	Ross, Katherine Crystal	Norwich, Ontario, Canada
March, Lola May	New York City	Ross, Marion Arletta	Englewood, N. J.
Marckwardt, Salome Ellen	Ann Arbor, Mich.	Royce, Helen	Morgantown, W. Va.
Marker, Beulah	Los Angeles, Cal.	Russell, Helen Hack	Kalamazoo, Mich.
Matteson, Dorothea Elizabeth	Mt. Vernon, N. Y.	Russell, Marion Fitch	Upper Montclair, N. J.
Mayer, Evelyn S.	Salt Lake City, Utah	Sample, Ethel T. L.	Latrobe, Pa.
Mcdrick, Charlotte Nearpass	Port Jervis, N. Y.	Saxman, Ethel Julia	New York City
Merritt, Elizabeth Rider	Danbury, Conn.	Schapiro, Mary Lillian (Mrs.)	New York City
Meyer, Ida	New York City	Schmidt, Elsa	New York City
Miller, Marca	Hoosick Falls, N. Y.	Schoder, Emily C.	New York City
Miller, Mary E.	Strasburg, Pa.	Schocning, Frederick Conrad	Paterson, N. J.
Miller, Mary May	Fargo, N. D.	Schwarz, Mae Louise	Milwaukee, Wis.
Milo, John Emerson	Oswego, N. Y.	Scofield, Ethel Catharine	Highland Mills, N. Y.
Minor, Kathryn Townsend	Flushing, N. Y.	Scott, Florence Moore	Indianapolis, Ind.
Moran, Helen Browne	Brooklyn, N. Y.	Sector, Flora	Rochester, N. Y.
Moses, Florence	Mt. Vernon, N. Y.	Shafer, Gladys Lucile	Carlton, Ore.
Mullin, Marjorie Wayne	Germantown, Pa.	Shank, Dorothy Myrta	Swarthmore, Pa.
Mulry, Katherine M.	Kalamazoo, Mich.	Shedd, Susan Jane	Mendon, Mich.
Munro, Ruth Huntoon	Moline, Ill.	Sheldon, Katharine Gloria	New York City
Norris, Rosalind	New York City	Sherman, Mary W.	Plainwell, Mich.
		Sherwood, Marion Jay	

## JUNIORS—CLASS OF 1919

Shigo, Anna	Freeland, Pa.	Ackerman, Alpha	Hillsdale, N. J.
Siever, Winifred Natalie	Wichita, Kan.	Adams, Helen	Oberlin, O.
Siglar, Grace Elizabeth		Albrecht, Charlotte	Los Angeles, Cal.
	North Germantown, N. Y.	Alden, Esther Hyde	Philadelphia, Pa.
Sime, Marjorie Helen	St. Paul, Minn.	Aldous, Bertha Leishear	Passaic, N. J.
Sinclair, Pattie Lucile	Augusta, Ark.	Applegate, Mildred	Brooklyn, N. Y.
Sing, Berth Anna	Oil City, Pa.	Baird, Hazel Marie	Missoula, Mont.
Sipp, Mildred L.	Buffalo, N. Y.	Baker, Dorothea Edwards	Jamestown, N. Y.
Smith, Irene Marie	New York City	Baker, Reginald P.	Mt. Vernon, N. Y.
Solender, Samuel S.	Pleasantville, N. Y.	Barber, Mary Isabel	Titusville, Pa.
Spaulding, Elizabeth Adelle	Denver, Col.	Barnard, Vivian Gray	New York City
Stapler, Anna Paul Kirk	Abington, Pa.	Baskette, Saidee Ballentine	Huntsville, Ala.
Steinschneider, Frieda	Yonkers, N. Y.	Bedell, Luella Ethel	Richmond Hill, N. Y.
Stevens, Elizabeth Mary	Eau Claire, Wis.	Begeman, Etta Adelaide	Belleville, N. J.
Stevens, Mary E.	Hobart, N. Y.	Beisel, Anne Louise	La Crosse, Wis.
Stewart, Lucile	Mt. Vernon, N. Y.	Bennett, Floi Elizabeth	Green Bay, Wis.
Stickney, Alice Marguerite	Elizabeth, N. J.	Bennett, Virginia Caswell	New York City
Stockton, Dorothy	Ridgewood, N. J.	Bernholz, Emily M.	New York City
Storms, Dorothy Anderson		Best, Mary Bradley	St. Louis, Mo.
	Buzzards Bay, Mass.	Best, Virginia P.	New York City
Strange, Ora	East Orange, N. J.	Bettenhausen, Verona E.	Hazleton, Pa.
Stull, Josephine Edie	Wilkes-Barre, Pa.	Bishop, Helen Quimby	Bridgehampton, N. Y.
Sweet, Margaret	New York City	Blair, Ida	Newark, N. J.
Syze, Freda Virginia	Staten Island, N. Y.	Blaustein, Fannie E.	Baltimore, Md.
Taylor, Christine Agnes	Astoria, L. I.	Blumgarten, Cecilia	New York City
Taylor, Mary Alvira	Greenville, Tenn.	Bond, Frances Gertrude	Manchester Center, Vt.
Taylor, Mary Sanford	Bethlehem, Pa.		
Taylor, Robert George	New York City	Booth, Edna A.	Kingston, Ontario, Canada
Terry, Florence	East Bloomfield, N. Y.	Branner, Ethel Cecilia	New York City
Thomas, Mary Dann	Lima, O.	Breadon, Grace	Olean, N. Y.
Towey, Anna Constance	Katonah, N. Y.	Brookes, Elizabeth Mary	St. Louis, Mo.
Trane, Stella Irene	La Crosse, Wis.	Brown, Emma Belle	Brimfield, Mass.
Treyz, Sarah Louisa	Cooks Falls, N. Y.	Brown, Frances Leighton	Tunkhannock, Pa.
Tuttle, Margaret Elmina	Madison, S. D.	Brown, Nellie (Mrs.)	Metamora, Ind.
Tuttle, Mary Brookings	Plattsburg, N. Y.	Brown, Philip, Jr.	Port Washington, L. I.
Van Dyck, Alice Douglas	New York City	Brownell, Bertha Valentine	Fall River, Mass.
Van Riper, Gladys	Jersey City, N. J.	Brush, Winifred Abbie	Manchester Depot, Vt.
Van Volkenburgh, Elsie Marion	Beaver, Pa.	Buck, Beatrice Imogene	New York City
Vaughan, Roy Benjamin		Bullis, Jeannette	Detroit, Mich.
	Hollis Court Boulevard, L. I.	Burdick, Harriet Esther	Wilkes Barre, Pa.
Wagler, Arthur C.	Richmond Hill, L. I.	Burns, Sarah Angeline	West Carrollton, O.
Walser, Elizabeth Zabriskie	Cohoes, N. Y.	Bushell, Carria Grace	New York City
Walsh, Norma O.	New York City	Canfield, Gertrude Cecil	East Orange, N. J.
Ward, Gladys Josephine	Toronto, Canada	Carlock, Adelaide Lindsley	
Waters, Kaethe S. (Mrs.)	New York City		Hasbronck Heights, N. J.
Watson, Ellen Pike	Spencer, Mass.	Carothers, May Irene	Dunkirk, N. Y.
Watson, Esther	Boston, Mass.	Case, Adeline Lucille	Jefferson, O.
Weber, Anna Rosina	Strasburg, O.	Chaffee, Bessie	Detroit, Minn.
Welles, Anna Hunt	Scranton, Pa.	Chaplin, Eunice	Rock Hill, S. C.
Wellwood, Grace Taylor	New York City	Chapman, Jane Ada	Kent, Wash.
Westgate, Mabel Elizabeth	Riceville, Pa.	Chew, Eleanor Muchmore	Morristown, N. J.
Willard, Florence	Passaic, N. J.	Clark, Anna Lawson Kragwig	
Wilson, Florence Alden	Seattle, Wash.		Plattsburgh, N. Y.
Winchell, Clarence W.	Jersey City, N. J.	Claster, Blanche	Lock Haven, Pa.
Wittner, Helen Dorothea	Brooklyn, N. Y.	Cobb, Leila May	Scranton, Pa.
Wood, Mabel Corinne	Paterson, N. J.	Collamore, Marion	New York City
Wurster, Pauline	New York City	Condon, Alberta Louise	New York City
Zons, Clarissa L. G.	New York City		

Cook, Marvel Clyde	Lima, O.	Goodell, Mary Elizabeth	Syracuse, N. Y.
Cooney, Bernardine	Sparta, Ill.	Goodman, Stella H.	New York City
Couse, Emily Winsor	Asbury Park, N. J.	Gorman, Anna Gertrude	Holyoke, Mass.
Coxley, Irma Helen	Jersey City, N. J.	Graff, Esma Bertha	Navesink, N. J.
Cramer, Calista Ruth	Schuylerville, N. Y.	Gray, Hattie Dunklin	Laurens, S. C.
Cramer, Esther Minnie	Schuylerville, N. Y.	Gray, Mabel Lucile	Lima, N. Y.
Crawford, Catherine	Pittsburgh, Pa.	Greenwood, Lydia Howard	Lawrence, Mass.
Crawford, Margaret E. A.	Brampton, Ontario, Canada	Griswold, Jessie Aiken	Milwaukee, Wis.
Crocheron, Margaret Gladys	Mt. Vernon, N. Y.	Guernsey, Eupheme Irwin	Yonkers, N. Y.
Croselmir, Neva Sara	Newark, N. J.	Hale, Elmira	New York City
Curry, Marjorie	Palo Alto, Cal.	Hall, Laura Margaret	Dunstable, Mass.
Cutler, Harriet Bulkley	Mt. Hermon, Mass.	Hames, Anzonetta	Beeton, Ontario, Canada
Davis, Lillian V. S.	Little Falls, N. Y.	Hamilton, Sarah Edmeston	Berlin Heights, O.
Dayton, Bernice	Willoughby, O.	Hanchette, Mary Estelle	Hancock, Mich.
Derby, Eveleth	Englewood, N. J.	Hanford, Lillian Adell	Waverly, N. Y.
Dersheimer, Florence Mae	Tunkhannock, Pa.	Hanson, Ellen Julia	Marquette, Kan.
Deutsch, Naomi	Cincinnati, O.	Harding, Ernest Arthur	West Paterson, N. J.
De Witt, Katharine Eliza	Jersey City, N. J.	Harriman, Irene Florence	Rahway, N. J.
D'Humy, Elena Theodora	Englewood, N. J.	Harris, Edith Hearn	New Milford, Conn.
Dillon, Marie Kathryn	Holyoke, Mass.	Harwood, Ethel M.	Minneapolis, Minn.
Dodson, Phyllis Olga	Berwick, Pa.	Hawley, Edith Adeline	Elk City, Kan.
Downs, Martha	Wharton, N. J.	Heins, John P.	New York City
Dugan, Mary Dimmick	Hazleton, Pa.	Henderson, Hazel Pearl	Manistee, Mich.
Duram, Margaret Irene	Yonkers, N. Y.	Hendry, Elizabeth	Roslindale, Mass.
Eckert, Edna Margaret	Newark, N. Y.	Hiester, Adele Sue	Reading, Pa.
Edgerton, Lucile	Lebanon, Tenn.	Higgins, Olivia Cameron	Glen Ridge, N. J.
Edson, Caroline Moore	Scottsville, N. Y.	Hill, Ada Winifred	Yonkers, N. Y.
Ehrlich, Philip	Bronx, N. Y.	Hill, Elizabeth Caryl Bryan	New York City
Eisenbrandt, Alice A.	Mt. Washington, Md.	Holman, Araminta	Leavenworth, Kan.
Elliott, Mary Gertrude	Hastings-on-Hudson, N. Y.	Hopkins, James E.	Fulton, N. Y.
English, Irene	Brainerd, Minn.	Hopping, Carol Marguerite	Bridgehampton, N. Y.
Fecht, Emma Flora	Kansas City, Kan.	Horton, Eudora Belle	Middletown, N. Y.
Ferris, Helen Elizabeth	Port Chester, N. Y.	Hosack, Anna Grace	Blairsville, Pa.
Fitch, Natalie Kiersted	Upper Montclair, N. J.	Howell, Laura	Middletown, N. Y.
Fopeano, Helena Johanna	Abingdon, Va.	Hubbard, Florence Tuttle	Hartford, Conn.
Ford, Grace Garland	Lynchburg, Va.	Hudler, Viedel	St. Louis, Mo.
Foster, Katharine Lois	Utica, N. Y.	Hughes, Regina Marie	Paterson, N. J.
Francis, Haydee Elinor	Taylor, Pa.	Hulme, Hannah Catherine	Paterson, N. J.
Fraser, Margaret Isabel	New York City	Hunsicker, Agnes Savilla	Lehigh, Pa.
Freidinger, Stella Martha	Pekin, Ill.	Hunt, Dorothy Chase	Brooklyn, N. Y.
Freimuth, Edna	Duluth, Minn.	Hyman, Pauline Beatrice	Lima, Ohio
Fulton, Agnes Fraser	Yonkers, N. Y.	Immel, Marian vonKammerer	Mt. Vernon, N. Y.
Garesché, Lala Séron	St. Louis, Mo.	Jacob, Edna Hilda	New York City
Garman, Ellen Mary	Bangor, Me.	James, Mae	New York City
Garrison, Olive	Yonkers, N. Y.	Jennison, Harry A.	Staten Island, N. Y.
Gerard, Margaret Bryant	South Norwalk, Conn.	Johnson, Beulah Margaret	Ellicott City, Md.
Gherst, Lillian Margaret	Millersville, Pa.	Johnson, Katharine Barber	Plattsburgh, N. Y.
Gilbert, Josephine H.	Glencoe, Minn.	Johnson, Leonora Elmont	Jersey City, N. J.
Gilchrist, Francesca Barker	New York City	Johnson, Lorna Ione	Springer, N. M.
Glancey, Frances Louise	Elma, Wash.	Jones, Dorothy Malcolm	Catskill, N. Y.
Glover, Rebecca Morgan	Haddonfield, N. J.	Jones, Elizabeth Louise	Yonkers, N. Y.
Golden, Mary Frances	Marlinton, W. Va.	Joyce, Margaret Cecelia	Paterson, N. J.
Goldfarb, Israel	Brooklyn, N. Y.	Judson, Eleanor	Kalamazoo, Mich.
Goldfarb, Samuel E.	Brooklyn, N. Y.	Kalb, Abraham I.	New York City
		Kaufhold, Edith M.	Scranton, Pa.
		Kingan, Ida Jane	Topeka, Kan.
		Kohn, Marie Gunther	New York City

Krauter, Edith Bell	Glen Ridge, N. J.	Ranger, Edna Amelia	New York City
Labenow, Max	Brooklyn, N. Y.	Rasey, Dorothy	Holyoke, Mass.
Lamb, C. Elizabeth	Waterloo, Ia.	Rawson, Adelaide	Ridgewood, N. Y.
Lamont, John Wood	Brooklyn, N. Y.	Reed, Mildred Anne	Whitewater, Wis.
Lamson, Julia Ruth	Norwalk, Conn.	Reid, Grace Leone	Cincinnati, O.
Landreth, Helen Adelia	Schenectady, N. Y.	Rice, Marguerite Adams	Spokane, Wash.
Leichliter, Carrie S.	Trenton, N. J.	Richie, Mary Jane	Brooklyn, N. Y.
Leighton, Frances H.	Hollis, N. H.	Richmond, Theresa Idola	Patten, Me.
Leonard, Clare Agatha	East Orange, N. J.	Ricker, Kate Amanda	Fredericksburg, Va.
Lester, Agnes Leigh	New York City	Ricker, Marion Campbell	Malden, Mass.
Lewis, Laura Alma	Ripley, N. Y.	Ridley, Helen Elizabeth	New York City
Livingston, Elsie	Englewood, N. J.	Riley, Ruth Elizabeth	New York City
Lowenstein, Irma Teller	Wilkes-Barre, Pa.	Roberts, Jane Lukens	Philadelphia, Pa.
McConnell, Berenice Akin	Carlisle, Ind.	Robinson, Ruth	Palestine, Tex.
McDermand, Bessie Pt.	Burwell, Ontario, Can.	Robson, Helen Kitchel	Detroit, Mich.
McElhinny, Caroline Virginia	New York City	Roetter, Jenet Elizabeth	Dayton, O.
McIntosh, Mildred	Alda, Neb.	Rohan, Mary	Wyoming, O.
McIntyre, Elizabeth Mabel	Fergus, Canada	Roman, Leonore	New York City
McKay, Louis Paul	Holland, Mich.	Rood, Elizabeth Crossett	Pleasantville, N. Y.
McLeod, Mary Mills	Oil City, Pa.	Rupert, Ada Isaphine	Columbiana, O.
McMillan, Corinne Frances		Russell, Earle Stone	Gorham, Me.
	Minneapolis, Minn.	Russell, Helen Haek	Morgantown, W. Va.
Madden, Margaret Lois	Knoxville, Tenn.	Ryan, Ellen Mary	Stratford, Conn.
Mankey, Elizabeth Madgalene	Camden, N. J.	Salsman, Lois Esther	Berkeley, Cal.
Many, Emily Augusta	New York City	Savery, Emerson Blaine	Falmouth, Mass.
Maplesden, Gwendoline Elva	New York City	Schawaroch, John Theodore	Elmhurst, L. I.
Marvin, Mary Margaret	Zumbrot, Minn.	Schneeweiss, Lucille (Mrs.)	New York City
Mayer, Marion Margaret	Corona, N. Y.	Scott, Anna	Yarmouth, Nova Scotia
Meads, Aileen Mary	Benton, Ill.	Scott, Gladys Alida	Willcox, Ariz.
Menagh, Anna Taylor	Jersey City, N. J.	Shaw, Beatrice Elise	New York City
Mendelson, Anna Wharton	New York City	Sheerer, Rebekah Cooper	Greensburg, Pa.
Mier, Meta Eugenia	St. Louis, Mo.	Sheerin, Mary Elizabeth	New York City
Millar, Eleanor Graham	New York City	Sherwin, Katherine Isabel	Valhalla, N. Y.
Millar, Katharine Saam	Asbury Park, N. J.	Shipman, Dorothy	New York City
Miller, Frances Weston	New York City	Simmons, Nellie Agnes	Sherburne, N. Y.
Miller, Norma Field Maynard	Burlington, Vt.	Sims, Mabel Matilda	Montclair, N. J.
Molstad, Ragna	Spring Valley, Minn.	Sirginson, Ella	New York City
Moore, Mary Lee	Fulton, Mo.	Smallwood, Frances Eloise	Warsaw, N. Y.
Moress, Elsie Jeannette	White Plains, N. Y.	Smith, Julia Catherine Leona	Buffalo, N. Y.
Morey, Helen Hulda	New York City	Smith, Lulu Edna	Eldorado Springs, Mo.
Morris, Miriam Emma	New York City	Sornberger, Irene	Windsor, N. Y.
Morton, Grace Margaret	Washington, Pa.	Sowter, Helen	Great Falls, Mont.
Munson, Dorothy Rude	Huntington, Mass.	Spafford, Ivol O.	Rock Creek, O.
Murray, Alice Winton	Scranton, Pa.	Spalding, Elmetta Ruth	New York City
Nelson, Florence Christine	Dayton, Ia.	Sparrow, Caroline Elizabeth	Montreal, Canada
Oettinger, Margaret Louise	Scranton, Pa.	Sterz, Emily C.	Woodcliff, N. J.
Ogilvie, Nellie	Seattle, Wash.	Stevenson, Helen Clare	Brooklyn, N. Y.
Olson, Edythe Louise	Minneapolis, Minn.	Stewart, Chloe	Metropolis, Ill.
Overstreet, Ethel Ruby	Eustis, Fla.	Stewart, Florence H.	Canandaigua, N. Y.
Page, Alyce Oliver	Marietta, N. C.	Stone, Marion Cornelia	Southington, Conn.
Partrick, Charles David	Elizabeth, N. J.	Strang, Anna Violet	Brooklyn, N. Y.
Paulson, Esther Fredrika	Yonkers, N. Y.	Strohm, Augusta	Tiffin, O.
Peck, Flora Estelle	Syracuse, N. Y.	Swinburne, Susie Peary	Hackensack, N. J.
Pfeifer, Ethel	New York City	Teepie, Georgia Fletcher	Fort Morgan, Col.
Pierce, Clare	La Grande, Ore.	Tetrick, Amy Rachael	Clarksburg, W. Va.
Pockman, Georgiana Boice		Thompson, Dorothy Grace	Cooperstown, N. Y.
	Hasbrouck Heights, N. J.	Thompson, Harold Starr	Fulton, N. Y.
Proctor, Erna Elizabeth	Athens, Ga.	Thompson, Hila	Rochester, N. Y.
Pulver, Kathryn	Pine Plains, N. Y.	Tisdale, Doris Harriet	New York City

Titus, Irma Frances	Roslyn, L. I.	Barber, Elizabeth Wright	Englewood, N. J.
Towne, Mildred Porter	Jersey City, N. J.	Barlow, Alice Worthington	New London, Conn.
Townsend, Helen Curtis	Mt. Vernon, N. Y.	Beam, Mildred Esther	Hartsdale, N. Y.
Troy, Julia Corinne	Centerville, Md.	Beltz, Genevieve Sara	Pittsburgh, Pa.
Tucker, Katherine Barnard	Albany, N. Y.	Berges, Cecelia Ruth	White Plains, N. Y.
Turner, Catherine Adela	Rome, Ga.	Berges, Marion Louise	White Plains, N. Y.
Tuttle, Jessie Pauline	Newark, N. J.	Bergmann, Elsie E.	Brooklyn, N. Y.
Tuttle, Margaret Elizabeth	Syracuse, N. Y.	Berliner, Elsie	New York City
Uslander, Benjamin	Paterson, N. J.	Biber, Charlotte	Brooklyn, N. Y.
Van Santford, Ethel Gertrude	Dumont, N. J.	Blumstein, Juliet Fay	New York City
Van Syckle, Edith Lizzie	Sussex, N. J.	Bovie, Lucy Virginia	New Rochelle, N. Y.
Van Vlaanderen, Helen Elizabeth		Brauer, Florence Hazel	New York City
	Montclair, N. J.	Brice, Lillian Kirkland	New York City
Vineyard, Sarah Bledsoe	Boise, Idaho	Brown, Harriet Maxwell	Williamsport, Pa.
Von Berg, Eva Lea	Albert Lea, Minn.	Brown, Ruth Stewart	New York City
Vreeland, Hester Lois	New York City	Burnett, Edith	Lexington, Mass.
Walter, Edith Gertrude	Brooklyn, N. Y.	Burns, Margaret Rebecca	Evansville, Ind.
Wandell, Minnie	Glenbrook, Conn.	Burns, Suzette	New York City
Waple, Catherine Troutwine	Tyrone, Pa.	Campbell, Isobel	New York City
Ware, Florence Emma	Elizabeth, N. J.	Carter, Helen Louise	Stoneham, Mass.
Waring, Bernice Eloise	Kalamazoo, Mich.	Chung, Waiha	Canton, China
Warner, Eleanor	Riverhead, N. Y.	Churton, Ethel	Binghamton, N. Y.
Warren, Ruth Davenport	Washington, D. C.	Clark, Winifred Mary	Peru, N. Y.
Waters, Florence Linwood	Medina, N. Y.	Claster, Jeanette Rose	Harrisburg, Pa.
Waters, Vera Elmina	Ulysses, Neb.	Coe, Mildred Woollacott	Westfield, N. J.
Watriss, Martha	New York City	Cohen, Constance Margrette	
Watts, Frances Elizabeth	Glen Ridge, N. J.		Far Rockaway, L. I.
Webster, Orpha Marie	Hines, Wis.	Cohen, Esther	Jersey City, N. J.
Weld, Florence Mary	South Bend, Ind.	Cohen, Evelyn	Palisade, N. J.
Wesley, Mary	Buffalo, N. Y.	Collins, Ruth	Knoxville, Iowa
Wheeler, Thelma Adaline	Northport, N. Y.	Connelly, Ethelyn Lucile	Ludlow, Pa.
White, Catherine	Fresno, Cal.	Crampton, Helen Marion	New York City
Wilcox, Fay	Billings, Mont.	Crane, Dorothy	Sparrow's Point, Md.
Williams, Grace Dorothy	New York City	Croll, Victoria	Mt. Vernon, N. Y.
Willson, Mildred Bernice	Jamestown, N. Y.	Crowell, Charlotte	Erie, Pa.
Wilson, Louise Beth	Brooklyn, N. Y.	Cumming, Helen Marie	Nutley, N. J.
Winslow, Geneva Jean	New York City	Cushman, Lucile Mohida	
Witt, Ruth	Flushing, N. Y.		Riverdale-on-Hudson, N. Y.
Wolf, Lillian	New York City	Dahl, Sara	Bucyrus, N. D.
Woolsey, Maud M.	Grantwood, N. J.	Davidson, Leora Madeline	Ramsey, N. J.
Wright, Byrdee B.	Memphis, Tenn.	Davis, Mary Pirron	Roslyn, N. Y.
Wright, Marion Frances	Malone, N. Y.	Dealey, Alice Gilbert	Mineral Wells, Tex.
Wyatt, Leta A.	Salina, Kan.	Dibble, Frances Jane	Hillsdale, Mich.
Young, Helen	Mt. Vernon, N. Y.	Doster, Mary Catharine	New York City
Zabriskie, Alice Mabel	Norwichtown, Conn.	Dowd, Frances Miner	Madison, Conn.
Ziegler, Harriet Marjorie	Scranton, Pa.	Eberlein, Bernice Margaret	Cleveland, O.
Zuck, Edna M.	Coytesville, N. J.	Edwards, Marjorie	Brooklyn, N. Y.
		Elliot, Ruth	White Plains, N. Y.

## SOPHOMORES—CLASS OF 1920

Abrams, Miriam	Brunswick, Ga.	Evans, Florence Palmer	York, Pa.
Adair, Mildred Labaw	Bernardsville, N. J.	Ewart, Margaret	Plainfield, N. J.
Akin, Alice Robertha	Anoka, Minn.	Fairbanks, Helen	Yonkers, N. Y.
Aldrich, Mary Edith	Riverhead, L. I.	Fendig, Selma Jeanette	Brunswick, Ga.
Alexander, Virginia M.	Chattanooga, Tenn.	Finkelstein, Eva	Jersey City, N. J.
Anderson, Dorothy Frances	Philadelphia, Pa.	Fletcher, Mary L.	New York City
Anderson, Helen Ellis	Selma, Ala.	Folsom, Dorothy Margaret	Piermont, N. Y.
Andrews, Phyllis Westover	Brooklyn, N. Y.	Frank, Florence Kleeman	Scranton, Pa.
Angell, Marion	New Rochelle, N. Y.	Frontera, Mary Magdalen	Maspeth, L. I.
Arbogast, Mary Gertrude	Pittsburgh, Pa.	Fuller, Ruth Haight	Jefferson, N. Y.
		Garfunkel, Rose	New York City



Garst, Rachel	New York City	Pepper, Olive Walton	Allensville, Ky.
Goldfarb, Solomon	New York City	Perry, Helen May	Nyack, N. Y.
Goldsmith, Ruth Schreiber	Newark, N. J.	Peirson, Ethel	Newark, N. Y.
Gorman, Edna Mildred	Bridgeport, Conn.	Platt, Annette	New York City
Hankemeyer, Helen May	Hartford, Conn.	Polhemus, Belle	Ocean Grove, N. J.
Harned, Emilie Bartholomew	Philadelphia, Pa.	Pope, Mary Adelaide	Newburgh, N. Y.
Heckman, Albert William	Meadville, Pa.	Pratt, Gertrude Kincaid	North Adams, Mass.
Herzog, Gertrude Elizabeth	Tyrone, Pa.	Price, Helen Hope	Cleveland, O.
Herzog, Nina Ranger	New York City	Pryor, Daisy De Bet	Arizona, La.
Himoff, Lillian	New York City	Rakity, Samuel	New York City
Hotchkiss, Alice	New York City	Redd, Marian	Bluff, Utah
Howe, Ruby Jones (Mrs.)	Brooklyn, N. Y.	Redfern, Mabel Lillian	Brooklyn, N. Y.
Huntington, Eleanor Thelma	Brooklyn, N. Y.	Richmond, Fred Morris	Youngstown, O.
	Mt. Vernon, N. Y.	Riddick, Mary Alice	Petersburg, Va.
Jagowski, Elizabeth A.	Chicago, Ill.	Rock, Joan Margaret	Cleveland, O.
Janes, Martha Blanche	New York City	Rodriguez, Manuela	Panama, P. R.
Joachim, Helen Magdalene	Athens, Pa.	Rogers, Vera Hawthorn	Brooklyn, N. Y.
Joseph, Kate	Jersey City, N. J.	Rolfe, Josephine Jefferson	New York City
Kaufhold, Esther Madaline	Scranton, Pa.	Rose, Laura Colegrove	New York City
Kaufman, Rosetta Charlotte	New York City	Rothenberg, Rose Janet	New York City
Keefe, Grace Maria	Springfield, Mass.	Sarafian, Armenia Arpiné	Yonkers, N. Y.
King, Margaret	Montclair, N. J.	Schain, Selma	Berwick, Pa.
Kliatscho, Alexandra Gordon	New York City	Schang, Frances Mercedes	New York City
Knox, Irene Virginia	Clarksburg, W. Va.	Schopp, Ethel Josephine	New York City
Korn, Helen	New York City	Schwartz, Blanche	El Paso, Tex.
Krause, Lydia Fairfax	Chicago, Ill.	Shafer, Mary Sherman	Manito, Ill.
Kuhlman, Henrietta	Brooklyn, N. Y.	Shanks, Sarah Chapman	New York City
La Pointe, Liano	New London, Conn.	Shofner, Eva Inez	Brewton, Ala.
Lautz, Amalia Elizabeth	Orchard Park, N. Y.	Simpson, Dorothy Maude	York Harbor, Me.
Leclercq, Marie Therese	Grantwood, N. J.	Singer, Augusta	New York City
Leonard, Mildred	Woodcliff-on-Hudson, N. J.	Stanley, Ethel Catherine	Woodcliff, N. J.
Lingg, Elsa	Westfield, N. J.	Stern, Cora M.	New York City
Lyman, Dorothy Allen	Upper Montclair, N. J.	Steurer, Eloise Katherine	New York City
McCorry, Margaret Mercedes	Brooklyn, N. Y.	Stratton, Gladys Elizabeth	Burlington, Vt.
McGuinness, Genevieve Gertrude	New York City	Swan, Edith Estelle	Newark, N. J.
	Richmond Hill, L. I.	Taft, Ruth Cushing	Brooklyn, N. Y.
Mann, Winifred Evenden	New York City	Tan Ditter, Stella	Corona, L. I.
Margulies, Rose Gwendolyn	Brooklyn, N. Y.	Taylor, Clara Mae	Vineland, N. J.
Michalover, Sarah Lillian	Brooklyn, N. Y.	Taylor, Jane Bliss	New York City
Minzie, Lionel Fredric	Brooklyn, N. Y.	Taylor, Margaret Samuels	Scranton, Pa.
Mosher, Marion	Oberlin, O.	Thompson, Fanny Jane	Jamestown, N. Y.
Muessen, Josephine V.	Woodmere, L. I.	Tompkins, Sarah Van Horne	Atlantic Highlands, N. J.
Neth, Clara Bidwell	Tarrytown, N. Y.	Treyz, Helen Amanda	Cook's Falls, N. Y.
Neumann, Beatrix Hazel	New York City	Valentine, Miriam Wells	Williamantic, Conn.
Neurad, Jeannette Adolphine	New York City	Vincent, Dorothy	Danville, Pa.
Newburgh, Louise Virginia	Cincinnati, O.	Vincent, Margaret	Danville, Pa.
Noble, Mary	Glenside, Pa.	Wager, Jean Livingstone	Troy, N. Y.
North, Dorothy	Upper Montclair, N. J.	Ward, Marjorie	East Orange, N. J.
Oppenheimer, Elsa	New York City	Warren, Mary Margaret	Lockport, N. Y.
Owen, Margaret Kemp	Hazelton, Pa.	Weldon, Doris	Iowa Falls, Ia.
Oyeman, Evalina Catherine	Gardenville, Md.	White, Margaret Jessup	Southampton, L. I.
Padgett, Ina	Ocilla, Ga.	Widder, Mabel	Mt. Vernon, N. Y.
Patteson, Jessamine	Tarrytown, N. Y.	Williams, Marjorie Olive	Scranton, Pa.
Peabody, Elizabeth Barrett	White Plains, N. Y.	Willoughby, Laura Robinson	Washington, D. C.
Pearce, Dorothy Shepard	Manasquan, N. J.	Winckler, Ruth Bridge	Asbury Park, N. J.
Pearlstine, Evelyn Emma	Charleston, S. C.	Yost, Margaret Katherine	Little Rock, Ark.
Pedlar, William Arthur	Brooklyn, N. Y.	Young, Robin	New York City

## FRESHMEN—CLASS OF 1921

Alleman, Elizabeth	Geneva, N. Y.	Friedman, Eva	New York City
Anderson, Kate Bogue	Avon, N. Y.	Frome, Esther	East Orange, N. J.
Armstrong, Bonney Snitjer	San Jose, Cal.	Furlong, Marie Elizabeth	New York City
Baeza, Madeleine A.	New York City	Gardiner, Ruth	Hartford, Conn.
Barnett, Marion	New York City	Gates, Marybelle Melinda	Bronxville, N. Y.
Bartley, Marie Louise	New Rochelle, N. Y.	Gill, Alletta Langdon	Haddonfield, N. J.
Baxter, Isabelle Rankin	New York City	Graham, Eleanor Nottingham	Paterson, N. J.
Bayer, Ethel	New York City	Grenzbach, Frances	New York City
Beach, Jane L.	Brooklyn, N. Y.	Gunn, Carolyn E.	Sunderland, Mass.
Beedenbender, Harry Leonard		Hall, Marjorie	Indianapolis, Ind.
	West Fort Lee, N. J.	Hamilton, Helen Chandler	East Orange, N. J.
Behrend, Henrietta	Washington, D. C.	Harvey, Edith	Bronx, N. Y.
Benneyan, Aroos	White Plains, N. Y.	Heilbut, Lenore	Long Island City, N. Y.
Best, Irene Kathleen		Heimberger, Sylvia Oppenheim	Buffalo, N. Y.
	Winnipeg, Manitoba, Canada	Hubbard, Ruth Weaver	Brooklyn, N. Y.
Bilhuber, Gertrude	Maywood, N. J.	Huie, Caroline Alida	New York City
Blewett, Margaret Mary	Jamestown, N. D.	Jennings, Grace Elizabeth	Scranton, Pa.
Blüss, Marie Katherine Adele		Johnson, Margaretta Comstock	
	Irvington-on-Hudson, N. Y.		Norwich, Conn.
Bosak, Josephine	Scranton, Pa.	Jones, Carmen Sylva	Scranton, Pa.
Briggs, Margaret Sherman	Scranton, Pa.	Jones, Ruth Whitney	Cambridge, Md.
Brooks, Helena Frances	Killingly, Conn.	Journey, Lucy H.	Leonia, N. J.
Brough, Florence	Hammondsport, N. Y.	Kamsler, Bernice Vivian	New York City
Burdett, Evelyn	East Orange, N. J.	Kaplan, Leona	New York City
Carris, Helen Estelle	Trenton, N. J.	Karpen, Lucille	New York City
Carrison, Elizabeth	Camden, S. C.	Keating, Madeline	New York City
Chapman, Louise Goodwin	Winsted, Conn.	Keller, George Jacob	Bloomsburg, Pa.
Chinn, May Edward	New York City	Kendrick, Caroline	Tarrytown, N. Y.
Clark, Elizabeth Kelton	Burlington, Vt.	Klaas, Henrietta Frances	Montclair, N. J.
Clay, Elizabeth	Selma, Ala.	Knighton, Marian	New York City
Corbin, Emeline Laura	Bainbridge, N. Y.	Lamson, Rosita	Norwalk, Conn.
Cornelle, Hazel Willard	Pawling, N. Y.	Lasser, Miriam	Brooklyn, N. Y.
Crabtree, Ruth Foster	Montgomery, N. Y.	Levy, Helen Rosamond	New York City
Crawford, Louise Patterson	Pittsburgh, Pa.	Lewis, Anna Elizabeth	West Chester, Pa.
Dailey, Effie Lylia	East Orange, N. J.	Lord, Grace	Santa Fé, New Mexico
Daley, Helen Amelia		McConnell, Matilda Isabelle	Pennsdale, Pa.
	West New Brighton, N. Y.	MacDonald, Vivian C.	Jersey City, N. J.
Daly, Helen	New York City	McKeown, Marjorie	East Orange, N. J.
de Roche, Esther	Passaic, N. J.	MacLoskey, Marie Ruth	New York City
Diefendorf, Dorothy	New Haven, Conn.	McTeigue, Frances Mary	Mt. Vernon, N. Y.
Dimmick, Ann Eleanor	Scranton, Pa.	Magilligan, Agnes Ann	Brooklyn, N. Y.
Donovan, Mary Elizabeth	New York City	Marmor, Minnie	Bronx, N. Y.
Drummond, Louise Augusta	Riverton, Wyo.	Martin, Anna Kendall	New York City
Dugan, Rosamond	Hazleton, Pa.	Maynard, Nellie	Roscoe, N. Y.
Dwight, Elizabeth Parsons	New York City	Menzel, Hélène Elizabeth	East Orange, N. J.
Echer, Charlotte	Leonia, N. J.	Millard, Faith Hopkins	Binghamton, N. Y.
Elitharp, Marie	Watertown, N. Y.	Miller, Gertrude Dunham	Glencoe, Ill.
Ellis, Marion	Yonkers, N. Y.	Minor, Marie Baldwin	Flushing, N. Y.
Esser, Anne Estelle	Yonkers, N. Y.	Moffat, Constance	Orange, N. J.
Everett, Meldon Ada	Kansas City, Mo.	Nicholson, Ruth	Henderson, Ky.
Fish, Clara	New York City	Niggin, Claire Dora	Vineland, N. J.
Fisher, Adela Breakstone	Wilkes-Barre, Pa.	Norton, Marion	Syracuse, N. Y.
Floyd, Beatrice	Detroit, Mich.	Ogden, Margaret Elizabeth	Elizabeth, N. J.
Forchheimer, Marjorie	White Plains, N. Y.	Olney, Mary	Leicester, Mass.
Foster, Ruth	Ortega, Fla.	Ortmann, Lucile	Mobile, Ala.
Francisco, Elinor	Middletown, N. Y.	Ostrander, Lila Fay	Plattsburg, N. Y.
Frazier, Bonnie Jean	Little Ferry, N. J.	Pease, Ramona Antisdale	Hudson, Mich.
		Pollak, Elsie	New York City
		Pope, Gladys Anna	Washington, D. C.

Pope, Lucy Harvie	New York City	Bartley, Hazel Eleanor	Toledo, O.
Powell, Lenelle	Ellsberry, Mo.	Bathmann, Naomi	Paterson, N. J.
Richart, Margaret Elizabeth	Elizabeth, N. J.	Belcher, Stella Adelaide	West Medford, Mass.
Rogers, Anna	Bayport, N. Y.	Bertsch, Marguerite	New York City
Rogers, Dorothy	New York City	Bigelow, Clara L.	Hartsdale, N. Y.
Rosenfeld, Jessie	New York City	Bihn, Louise Elizabeth	Toledo, O.
Rowe, Abbie Louise	Oswego, N. Y.	Bird, Alice Baxter (Mrs.)	San Diego, Cal.
Russell, Virginia	Ashland, Ky.	Blunt, Euphemia	New York City
St. Martin, Cidetete	Pass Christian, Miss.	Bonsall, Elsie Lee	New York City
Salzman, Estella A.	Brooklyn, N. Y.	Boroughs, Margaret G.	Austin, Tex.
Sander, Bella Ester	New York City	Boyce, Ethel Ruth	Clearfield, Pa.
Scanlan, Jeanne Marie	New York City	Bradley, Charles B.	Tarrytown, N. Y.
Scholz, Marion Anna	Bronx, N. Y.	Brauer, Marietta Virginia	Richmond, Va.
Schram, Elsa Theresa	Yonkers, N. Y.	Brown, Annie	Wusih Kiangsee, China
Sel, Beatrice	Nutley, N. J.	Brown, Mary Magoun	New York City
Sharretts, Marguerite	Baltimore, Md.	Brown, Pluma	New York City
Shattuck, Marjorie Bancroft	Brooklyn, N. Y.	Burns, Marguerite	West Boylston, Mass.
Shields, Edythe Coralie	New York City	Butts, Mary Evans	Agricultural College, Miss.
Siesel, Louisa C.	Lancaster, Pa.	Caballero, Ramon	Habana, Cuba
Sinclair, Roberta Sweet	Bisbee, Ariz.	Cadwgan, Annie Elizabeth	Scranton, Pa.
Sinsheimer, Julia L.	New York City	Cady, Eva Somers	Jericho, Vt.
Smith, Helen Claire	Bloomfield, N. J.	Caldwell, Louise	Campbellsville, Ky.
Smith, Margaretta A.	Bronx, N. Y.	Campbell, Elsie Kurth	New York City
Spalding, Frances Benjamin	New York City	Campbell, Estelle M.	New York City
Steeves, Elaine Bell	White Plains, N. Y.	Campbell, Robert Arthur	New York City
Stern, Ruth Isabelle	Dallas, Tex.	Cannon, Mary D.	Montclair, N. J.
Sterz, Gertrude Amalia	Woodcliff, N. J.	Casademont, Leocadie	New York City
Stiehl, Ida Vera	White Plains, N. Y.	Chamberlain, Nina Lenita	Sparkill, N. Y.
Taylor, Mary Elizabeth	Abbott, Neb.	Cheesman, Clara L.,	Garrison-on-Hudson, N. Y.
Thenen, Eugenie Marie	Jersey City, N. J.	Cohn, Alfred E. (Mrs.)	New York City
Thompson, Marion Frances	Jamestown, N. Y.	Cole, Margaret Helen	Tropico, Cal.
Thrall, Mary Palmerlee	Lakeville, Conn.	Comers, Elizabeth V.	Cleveland, O.
Towsley, Theo Clara	New York City	Converse, Sarah J.	New York City
Trull, Adeline Grace	New York City	Cook, Rosamond Chestina	Leominster, Mass.
Tyler, Robert Daniel	Washington, D. C.	Cowan, Georgia C.	Brooklyn, N. Y.
Wachman, Mary	New York City	Cron, Hulda Alice	Cleveland, Ohio
Wakeman, Marion Couch	Westport, Conn.	Crosby, Irene Goff (Mrs.)	New York City
Wappler, Marianna	Yonkers, N. Y.	Dahlman, Jane Teare (Mrs.)	Berlin, N. H.
Ward, Dolores	Williamsport, Pa.	Davis, Irene Ursula	New York City
Watkins, Dorothy Voorhees	Romano, Santo Domingo	Decker, Emma Augusta	Little Falls, N. Y.
Way, Julia	New York City	Desmond, Helen Mannix	New York City
White, Rosalind	North Bennington, Vt.	Dickerson, Clara Lee	St. Clairsville, O.
Whitman, Hazel B.	New York City	Dietrich, Sarah P. W.	South Bethlehem, Pa.
Wood, Helen Pruyn	Ridgewood, N. J.	Doyle, Reba Fletcher	San Diego, Cal.
Wood, Margaret	New York City	Duffy, Louisa Jane	New Brunswick, Canada
Wurtenberger, Laura Josephine	Mt. Hermon, Mass.	Dunn, Delphine	Greencastle, Ind.
Zuernemann, Eugenie Marie	Jersey City, N. J.	Dunn, Dorothy Adams	New York City
		Duryea, Sarah Alma	Sea Cliff, N. Y.
		Ellert, John F.	New York City
		Elliot, Gabrielle	Rumford Point, Me.
		FitzGerald, Eloise Dashiell	Newark, N. J.
		Ford, Ella P.	Lynchburg, Va.
		Franke, Viola M.	Brooklyn, N. Y.
		Frantz, Nancy W. Friend (Mrs.)	Lydia, Md.
		Freeman, Florence	Watervliet, N. Y.
		Frisbee, Elizabeth	Orange, N. J.
		Garson, Eva	New York City
		Gibbs, Clarissa V.	Dunkirk, N. Y.

## UNCLASSIFIED STUDENTS

Adams, Harold J.	Paterson, N. J.
Allen, Lenore	Bisbee, Ariz.
Allison, Elizabeth Wilson	Belleville, Pa.
Anderson, Edith	Youngsville, Pa.
Atkinson, Elva Honore	Chicago, Ill.
Bacon, Gladys	Greenwood, Miss.
Banning, Beatrice	St. Paul, Minn.
Barnes, Harriet Wilson	Minneapolis, Minn.

Gillis, Anne Regis	Medford, Mass.	Minami, Takeo	Tokio, Japan
Gittinger, John Frederick	Hackensack, N. J.	Mitchell, Margaret Agnes	New York City
Goduco, Tomasa	Manila, P. I.	Nelson, Christine Warner (Mrs.)	New York City
Goodale, Anna Catherine	Waterloo, Ia.	Nettleton, Bertha Eliza	East River, Conn.
Gordon, Rose	New York City	Newman, Anna I.	Yonkers, N. Y.
Graham, Lillian Beatrice	Andes, N. Y.	Nisbet, Malvina Graham	Greenville, S. C.
Graves, Marie A.	Albany, N. Y.	O'Donnell, Agnes Marie	New York City
Green, Anna L.	New York City	Pashayan, Elizabeth	Kenosha, Wis.
Greenwood, Gertrude Hawley	Elk City, Kan.	Peckham, Charlotte Ethel	West Nutley, N. J.
Griffin, Mary E.	Ottawa, Canada	Perkins, Fanny D.	Brooklyn, N. Y.
Guernsey, Beatrice Georgina	Bowmanville, Ontario, Canada	Perry, Merla Maida	Andover, Ohio
Gunther, Theresa Charlotte	Hackensack, N. J.	Peterson, Ira E.	Jersey City, N. J.
Hall, Ellen	Lynchburg, Va.	Purdy, Mabel Dulon	Bronxville, N. Y.
Hamilton, Elizabeth Wiley	East Orange, N. J.	Quinlan, Walter	Newburg, N. Y.
Hart, Mildred Elizabeth	Elizabeth, N. J.	Raymond, Alma Hazleton	Flatbush, N. Y.
Hayden, Margaret	Cleveland, O.	Rhone, Cecelia Edna	Passaic, N. J.
Hayes, Margaret Chapin	South Manchester, Conn.	Riker, Doris	White Plains, N. Y.
Helmschmied, Fern Isabelle	Meriden, Conn.	Rockwell, Isabel	Glen Ridge, N. J.
Holden, Harriet Eliza	Bridgeport, Conn.	Rohrbach, Elizabeth	Clarion, Ia.
Huff, Sara B.	New York City	Roman, Norma	New York City
Humfeld, Fannie Queen	Kansas City, Mo.	Romer, Bertha May	Newark, N. J.
Hungerford, Gertrude E.	Belleville, N. J.	Roth, Caroline Adora	South Bend, Ind.
Hurlbutt, Cornelia Moön	Woodstock, Vt.	Russell, Oertel Rich	Ogden, Utah
Hutcheson, Martha Henrietta	Warrenpoint, Ireland	Russell, Romaine	Hickory, Pa.
Inge, Jane (Mrs.)	Nashville, Tenn.	Schneidan, Ingeborg H.	Little Falls, Minn.
Johnson, Edith Wilburta	Morristown, N. J.	Schuman, Clyde Beatrice	Savannah, Ga.
Johnson, Inga Marie	Yarmouthville, Me.	Schweppe, Emma	San Antonio, Tex.
Johnson, Mary Anna	New York City	Seigrist, Louisa Kathryn	Mason, W. Va.
Johnstone, Esther	Vernonville, Ontario, Canada	Shanks, Jean	Hamilton, Ontario, Canada
Kelly, Edith (Mrs.)	Nyack, N. Y.	SHEMELEY, Florence E.	Newark, N. J.
Kosower, Thelma	Brooklyn, N. Y.	Sheppard, Emma Eliza	Elmer, N. J.
Kuhn, Edna Belle (Mrs.)	New York City	Shirley, Garland Latimer	Dayton, Va.
Lahiff, Ellen Geraldine	New York City	Slocum, Angelita Elizabeth	Winsted, Conn.
Lake, Marjorie Larish	Central City, Col.	Smith, Edith Evelyn	Fayetteville, N. Y.
Laws, Marion B.	Outremont, P. Q., Canada	Smith, Julia Mary	New York City
Leach, Iva Marjorie	Florida City, Fla.	Spafford, Emily H.	New York City
Lee, Virginia	New York City	Sperry, Ruth Comstock	Berea, Ky.
Legge, Florence Emily	Toronto, Canada	Stockwell, Wallace Emery	Montclair, N. J.
Le Page, Marion Harriett	Mt. Vernon, N. Y.	Storm, Freda	Spokane, Wash.
Lewis, Sarah Louise	Corvallis, Ore.	Ströhmman, Minna	Brooklyn, N. Y.
Lockhart, Evelyn Pew	Toledo, O.	Svenddal, Dagny	New York City
Lyman, Helen	Hudson, Mass.	Taft, Elsey Rogers	Baltimore, Md.
MacArthur, Eda	Mt. Pleasant, Mich.	Taylor, M. May	Toronto, Canada
McCrery, Jonnie	Corsicana, Tex.	Taylor, Rachel Wyckoff	Redbank, N. J.
McGee, Maude	Juliette, Ga.	Temple, Julia E.	Palm Beach, Fla.
McGill, Elsa	Nashville, Tenn.	Thompson, Eliza Bailey	New York City
McGroarty, Margaret A.	New York City	Thompson, Harriet Duncan	Brooklyn, N. Y.
McIver, Margaret Neal	Gulf, N. C.	Thompson, Nellie M.	Denver, Col.
McNeff, Katherine	Portland, Ore.	Thorndike, Elizabeth Frances	Montrose, N. Y.
Miles, Laura Marian	Pocomoke City, Md.	Todd, Bessie Lee	Lexington, N. C.
Miller, Ada Marie	Rockwood, Mich.	Traub, Laura Maude	New York City
Miller, Anna Elizabeth	Stillwater, Okla.	Tufry, Gertrude	White Plains, N. Y.
Miller, Cora	Syracuse, N. Y.	Van Eps, Floyd C.	Rockville Center, L. I.
Miller, Pattie Day (Mrs.)	New York City	Van Kirk, Mary Standerwick	Wickatunk, N. J.
		Vroom, Mary Adeline	Richmond, N. Y.
		Wagner, Philip Michael	Newark, N. J.
		Walsh, Nellie Evangeline	Liberty, N. Y.

Wanzer, Menia Hoyt	Dorchester Center, Mass.	Williams, Winifred (Mrs.)	Armour, S. D.
Weeks, Margaret Watson	Natchitoches, La.	Wilson, Maryetta	What Cheer, Ia.
Whitcomb, Edna Caroline	South Gardner, Mass.	Winterble, Margaret R. Malone (Mrs.)	New York City
White, Lyda Arnold	Los Angeles, Cal.	Woodward, Alice Louise	Jersey City, N. J.
Whitney, Alma Louise	Rye, N. Y.	Wright, Beatrice	Boonton, N. J.
Williams, Catherine Howell (Mrs.)	Newark, N. J.	Zinno, Henri F.	New York City

# REGISTER OF STUDENTS

## COLLEGE OF PHARMACY

### THIRD YEAR UNIVERSITY CLASS

Argueso, Josefina	New York City
Arnold, Harold C. F.	Quogue, N. Y.
Buttenbaum, Frederick D.	
	Town of Union, N. J.
Coccola, Anthony Thomas	Rye, N. Y.
Concialdi, Joseph G., Jr.	Rockaway, N. J.
Hyman, Louis	Port Jefferson, N. Y.
MacAdams, Harold	Metuchen, N. J.
Staloff, Edward	New York City
Vorsanger, Benjamin M.	New York City
Wilson, Edgar M.	Brooklyn, N. Y.

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### SECOND YEAR UNIVERSITY CLASS

Cohen, Gerschen	Paterson, N. J.
Dittmar, Moritz A.	Jersey City, N. J.
Dougherty, Albert J.	Tottenville, N. Y.
Eigenmacht, Emanuel	New York City
Goemann, Erwin	Grantwood, N. J.
Hubel, Edith	New York City
Humphreys, Malcolm	Morristown, N. J.
Kish, Elizabeth	Trenton, N. J.
Kropnitsky, William	Orange, N. J.
Rosenzweig, Eugene	Hoboken, N. J.
Searle, Eugene Marshall	Franklinville, N. Y.
Stevens, Oscar	Matawan, N. J.
Wilson, George Alexander	Patchogue, N. Y.

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### FIRST YEAR UNIVERSITY CLASS

Alter, Fred	Elizabeth, N. J.
Bernstein, Solomon	New York, N. Y.
Blatstein, Flora M.	New York, N. Y.
Cesareo, Iride	Englewood, N. J.
Cohen, Samuel	New York, N. Y.
DeVallant, Francis L.	Earlville, N. Y.
Ensler, Louis	New York, N. Y.
Goldberger, Abraham	New York, N. Y.
Greco, Anthony J.	Brooklyn, N. Y.
Henken, Harry	New York, N. Y.
Hertz, Max	Norwich, Conn.
Jaffe, Leon	Brooklyn, N. Y.
Josephson, Charles	New York, N. Y.
Kassner, Herbert C.	Jamaica, N. Y.
Kohl, Abraham	Jersey City, N. J.
LaBau, John T. B.	New Orleans, La.
Lawber, Simon	New York, N. Y.
Levy, Harry W.	West Haven, Conn.
Lichtman, Anna	New York, N. Y.

McKean, Helen G.	New Rochelle, N. Y.
Meeropolksky, Leopold	New York, N. Y.
Meyer, Moses William	Norwich, Conn.
Mohn, John E.	Shamokin, Pa.
Montesano, Joseph	Paterson, N. J.
Rosenblum, Samuel	New York, N. Y.
Sexton, James Augustine	Darien, Conn.
Shaw, Daniel	New York, N. Y.
Shigon, Aaron	New York, N. Y.
Shigon, Henry	New York, N. Y.
Steinman, Abraham	Brooklyn, N. Y.
Strippel, Chester A.	Beason, N. Y.
Voorhees, Alston Leonhard	Branchville, N. J.
Young, Isidore H.	Harrison, N. J.
Zimmermann, Gustav	Jersey City, N. J.

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### SECOND YEAR COLLEGE CLASS

Acampora, Pasquale	Jersey City, N. J.
Ackerman, Milton	New York City
Ahrens, George Fox	Liberty, N. Y.
Ajello, Anthony L.	Brooklyn, N. Y.
Anderson, Charles E.	Brewster, N. Y.
Angel, Abel K.	Elkland, Pa.
Aquaro, Philip	New York City
Aragiusto, Pasquale	New York City
Armentano, Anthony	New York City
Berdick, Morris	New Rochelle, N. Y.
Berger, David	New York City
Brand, Edward J.	White Plains, N. Y.
Breitbart, Jacob	New York City
Brezovsky, Carl W.	Port Chester, N. Y.
Buss, Julius	New York City
Capobianco, Vincent	West Hoboken, N. J.
Celano, Joseph Vincent	New York City
Checchia, Theresa M.	New York City
Chernin, Isidor	New York City
Clark, Harry G.	Walton, N. Y.
Cooper, Jacob	New York City
Damico, Fred A.	New York City
Damtoft, Frank V.	Bridgeport, Conn.
De Sanctis, Albert	New York City
Diodato, Dominick	New York City
Dorris, Jacob	New York City
D'Urgolo, Joseph E.	Ozone Park, N. Y.
Egerman, Lillian	Yonkers, N. Y.
Eidinger, Benno	New York City
Engleman, Charles	New York City
Feldman, David	New York City
Felicetti, Marius	New York City

Felitti, Adele	New York City	Niemetz, Morris	New York City
Ferguson, Ralph N.	Fulton, N. Y.	Obrentz, Morris J.	New York City
Ferrari, Louis	New York City	Paglia, Amerigo Charles	New York City
Finkel, Samuel	New York City	Patterson, Harold S.	Ellenville, N. Y.
Finkelstein, Victor	New York City	Pecharsky, Jacob	New York City
Finnegan, Albert W.	Saranac Lake, N. Y.	Pensovecchio, Chalcedony	New York City
Fisch, Hyman	New York City	Pensovecchio, Philip	New York City
Fitch, Gerald E.	Highland Mills, N. Y.	Peruta, Frank Della	Paterson, N. J.
Fleischer, William	New York City	Powell, Benjamin J.	Westhampton Beach, N. Y.
Frankel, Benjamin	New York City	Raimondi, Nicholas	New York City
Franklin, Louis	New York City	Raskin, Louis	New York City
Fried, Julius H.	New York City	Reiter, A. Pauline	New York City
Frischia, Amerigo	New York City	Renner, J. Arthur	New York City
Frischia, Anthony	New York City	Renzulli, Aurelio V.	Jersey City, N. J.
Gaggin, Elsie B. M.	Lindenhurst, N. Y.	Richless, Charles	New York City
Gerken, Harold A.	New York City	Richman, William J.	Brooklyn, N. Y.
Gilbert, Elwin B.	Harrison, N. Y.	Richter, Edwin A.	Fort Lee, N. Y.
Ginsberg, William B.	New York City	Rosen, Max	New York City
Glass, Lewis D.	New York City	Rosenberger, Charles	New York City
Goldberg, Israel L.	Brooklyn, N. Y.	Ruby, Francis, Jr.	New York City
Goldberger, Sidney	New York City	Sacknoff, Frederick L.	New York City
Goodside, Isaac Euge	Pittsburgh, Pa.	Saiman, Adolph	New York City
Gorn, Dina	New York City	Sandler, Abraham	New York City
Greenfeld, Louis	New York City	Satriale, Gerard A.	New York City
Haas, Ludwig	New York City	Schmidt, Herbert	Hoboken, N. J.
Halpern, Benjamin	New York City	Schore, Louis	New York City
Hans, Edwin D.	New York City	Schulz, Leo	New York City
Heller, Morris	New York City	Schumann, George A.	Jamaica, N. Y.
Henig, Israel S.	Newark, N. J.	Sedlineck, John A.	Paterson, N. J.
Horowitz, Benjamin	New York City	Scloff, Irving L.	New York City
Jacobson, Andrew R.	Yonkers, N. Y.	Sessarsky, David M.	Burnside, Conn.
Jacoff, Samuel	New York City	Sharfin, Abraham	New York City
Jacoff, William	Brooklyn, N. Y.	Shavelson, Abraham N.	Brooklyn, N. Y.
Kardy, Joseph, Jr.	New York City	Sher, David S.	New York City
Katzman, Joseph	New York City	Siegelman, Edward B.	New York City
Kimmell, Everett R.	New York City	Silverman, George M.	Brooklyn, N. Y.
Klauber, Adolph E.	Rosebank, N. Y.	Sirullo, William V.	Southington, Conn.
Kogan, Samuel	New York City	Smalls, Arthur J.	New York City
Kravet, Samuel J.	Brooklyn, N. Y.	Spellman, Glenn J.	Newport, N. Y.
Krepela, Rudolph	Winfield, L. I.	Spivak, Fred	Flushing, N. Y.
Lanza, Joseph N.	New York City	Spoltore, John D.	New York City
Lederman, Isidore	New York City	Stevens, Alexander	Brooklyn, N. Y.
Lehrman, Philip	New York City	Sugarman, Jacob	New York City
Leon, Albert	New York City	Sweet, Caldwell, Jr.	Bangor, Me.
Leventhal, Reuben	Sea Gate, N. Y.	Tanenzapf, Isidore	New York City
Levin, Abraham	Jamaica, N. Y.	Temliak, Selma V.	New York City
Levy, Aaron	New York City	Tischelman, Nathan	New York City
Lipsett, Nathan	New York City	Tishber, Philip	New York City
Lisberger, Harry G.	Brooklyn, N. Y.	Tolkoff, Jack	New York City
Madden, Raymond P.	Saranac Lake, N. Y.	Tomashoff, Simon	New York City
Maibauer, Robert R.	Linoleumville, N. Y.	Tragerman, Abraham	New York City
Mazzolini, Eugene J.	Randolph, Vt.	Tunick, Jacob B.	New York City
Melfi, Louis J.	New York City	Viscardi, Joseph J.	New York City
Messing, Harry	New York City	Volpert, Warren	Newman, N. Y.
Miller, Edward S.	Weehawken, N. J.	Wainger, Edward	New York City
Miller, Nathan	New York City	Wohl, Max	New York City
Mittleman, Max	New York City	Wolfson, Max	Brooklyn, N. Y.
Morrell, Clifford L.	Keyport, N. J.	Zaccardo, Dominic	New York City
Newmark, Frances L.	Centerville Sta., N. Y.		

## FIRST YEAR COLLEGE CLASS

Abramovitz, Bernard	Passaic, N. J.	Elliott, Jasper J.	Montreal, Canada
Abramowitz, Abraham	New York City	Errico, Frank A.	New York City
Albert, Sylvester	New York City	Falcone, Francis R.	Brooklyn, N. Y.
Alterman, Leon	Mt. Vernon, N. Y.	Feigin, Max	New York City
Aranjo, Philip	San Christobal, Venezuela	Feldberg, Harry	New York City
Arena, Dominick	New York City	Feldman, Emma	Brooklyn, N. Y.
Baiser, Abraham	New York City	Feldman, Jacob	New York City
Barst, Bernard	New York City	Feldman, Michael	New York City
Bashook, Aaron	Brooklyn, N. Y.	Folcarelli, Gemma M.	Kingsbridge, N. Y.
Baum, John Charles	Brooklyn, N. Y.	Fox, Sidney	New York City
Beck, Irving I.	Brooklyn, N. Y.	Friedland, Louis	New York City
Bell, Harry	New York City	Freimark, Maxwell	Brooklyn, N. Y.
Bergman, Eli	New York City	Friedman, Isidor	New York City
Bergman, Henry	New York City	Fuerst, Jack A.	New York City
Berko, Morris	New York City	Galluccio, Carmelo V. B.	New York City
Berman, Bernard	Brooklyn, N. Y.	Gedney, James Sherwood	Rye, N. Y.
Berman, Herman	Coney Island, N. Y.	Geier, Charles William	New York City
Berman, Philip	Brooklyn, N. Y.	Germino, Anthony J.	New York City
Bernanke, William B.	New York City	Gershenson, Isaac	New York City
Birnbaum, Pauline	Astoria, N. Y.	Gibson, Willard	Newburgh, N. Y.
Bloom, Aaron E.	New York City	Gillman, Nathan A.	New York City
Boenau, Theodore C., Jr.	Brooklyn, N. Y.	Ginsburg, William	New York City
Boxer, Philip S.	New York City	Gitow, Isadore H.	Monmouth Beach, N. J.
Brecker, Albert	Brooklyn, N. Y.	Giurleo, Concetta	New York City
Brown, Solomon G.	New York City	Glinsky, Barney M.	Syracuse, N. Y.
Brucar, Marcel	New York City	Goldberg, Benjamin C.	New York City
Brunberg, Edward W.	Harrison, N. Y.	Goldberg, Benjamin	New York City
Burde, David	New York City	Goldberg, Harry	New York City
Caggiano, Louis	Long Island City, N. Y.	Goldberg, Hyman	New York City
Calvelli, Vincent	New York City	Goldberg, Julius J.	Brooklyn, N. Y.
Caracciolo, Vincent	New York City	Goldfarb, Harry	New York City
Cassese, Vincent	New York City	Goldin, Noah	Brooklyn, N. Y.
Ceraso, Gennaro	New York City	Goldman, Herbert	New York City
Chavkin, Charles Israel	New York City	Goldmeer, Arthur	New York City
Clapp, Michael N. J.	New York City	Gottlieb, Helen	New York City
Colmar, Alexander	New York City	Grafi, Joseph	Flushing, N. Y.
Cooper, Jennie S.	Brooklyn, N. Y.	Granatelli, Aristide	New York City
Cooperman, Samuel	New York City	Granatoor, Louis S.	New York City
Crane, Thomas F.	Oswego, N. Y.	Grau, Marcial	Morovis, Porto Rico
Crescenzi, Thomas	New York City	Greco, Samuel	New York City
Cutler, Lawrence	New York City	Greco, Achille J.	New York City
D'Anna Olindo	New York City	Greenberg, Meyer	New York City
Dashowitz, David	New York City	Greenberg, Murray	New York City
Daytz, Benjamin	New York City	Grone, Abraham	Hartford, Conn.
Dellecese, Alexander	Mt. Vernon, N. Y.	Gross, Max	New York City
Delman, Aaron	New York City	Grosswirth, Samuel E.	New York City
de Luca, Peter	New York City	Gullo, Salvatore J.	New York City
de Mackiewicz, Julius H.	New Rochelle, N. Y.	Gussow, Louis	New York City
de Paredes, Gaspar G.	Panama, R. P.	Haden, Robinson	New York City
Diforio, Rizerio J.	Mamaroneck, N. Y.	Hague, William G., Jr.	Congers, N. Y.
Dizik, Benjamin	New York City	Hainfeld, Alfred G.	Oyster Bay, N. Y.
Does, Frank J.	New York City	Hallenbeck, Ezra C.	Kingston, N. Y.
Doughty, William B.	Kingston, N. Y.	Handler, Nathan	New York City
Ducorsky, Moses	New York City	Hayling, Arthur A.	New York City
Eastman, Abraham	New York City	Hecker, Raymond L.	Rye, N. Y.
Ebersman, Rubin	New York City	Hershkovits, Samuel	New York City
Ehret, Herbert L.	Brooklyn, N. Y.	Hertz, Samuel	New York City
		Hillman, Harry C.	New York City
		Himmel, Albert A.	New York City



Hoffman, Moses L.	Brooklyn, N. Y.	Mayer, Ethel	New York City
Hoffman, Richard	New York City	Margiotta, Nicholas	New York City
Horowitz, Joseph	New York City	Margotta, Pasquale J.	New Rochelle, N. Y.
Hubert, Irving	New York City	Mazza, Stephen	New York City
Huth, Joseph H., Jr.	New York City	Mendoza, Carlos J.	Pamplona, Colombia
Imovitz, Isidore M.	New York City	Michaels, Moe L.	New York City
Inglese, Joseph	New York City	Miraglia, Humbert G.	Brooklyn, N. Y.
Jacobson, Leon M.	New York City	Mirsky, Herman	New York City
Jammal, Mitchell A.	Brooklyn, N. Y.	Moore, Clarence	Dover, N. J.
Jeruchmanow, Herman	New York City	Morris, Lester	Brooklyn, N. Y.
Kalish, Anna	New York City	Mosler, Thomas A.	Orange, N. J.
Kaplan, Israel	New York City	Neal, Browning A.	Birmingham, Ala.
Karlick, Moses	New York City	Neiman, Jerome J.	New York City
Kashdan, Abraham	New York City	Neiman, Nathan	New York City
Katz, Harry	New York City	Nemetz, Max D.	New York City
Kaufman, Leo	New York City	Nielsen, Victor V.	New York City
Kim, Frank	Vladivostok, Russia	Nurock, Louis E.	New York City
Kirsch, Joseph I.	New York City	Oxman, Samuel H.	New York City
Kleinfeld, Edith S.	Troy, N. Y.	Pace, Alphonse	Brooklyn, N. Y.
Kobelin, Ida R.	Leonia, N. J.	Pascale, Francis	Corona, N. Y.
Kodet, Robert	New York City	Pellicione, Carmen	New York City
Koplin, Ida	Windsor Locks, Conn.	Peltzman, Henry	New York City
Koppisch, Arthur	Elizabeth, N. J.	Petrucci, Manlius, Y.	New Haven, Conn.
Krechewsky, Jonas	New York City	Pichardo, Carlotta-Maria	New York City
Krimke, Carlo J.	New York City	Pierce, Bailey	Butler, N. J.
Kubik, Romeo	Brooklyn, N. Y.	Pierchalski, Walter R., Jr.	Brooklyn, N. Y.
Kushinsky, Max	Brooklyn, N. Y.	Pollock, Isador H.	Brooklyn, N. Y.
Kuss, Henry J.	New York City	Popolowsky, Israel	New York City
Langen, William J.	New York City	Potts, Rexford	Sandy Creek, N. Y.
Lanza, Frank	New York City	Portugal, Morris	New York City
Largeman, Frank H.	Brooklyn, N. Y.	Press, Abraham	New York City
Lawentman, Isidor	New York City	Rauffus, Charles J.	New York City
Lazarus, Harry	Passaic, N. J.	Reiter, Joseph	New York City
Lee, Lung	Canton, China	Resnikov, Samuel	New York City
Lefkowitz, George	Lawrence, N. Y.	Ricklin, Martin	New York City
Lehrman, Milton	New York City	Rinaldi, Frank A.	Brooklyn, N. Y.
Leistner, Samuel S.	New York City	Ring, Samuel W.	New York City
Levidow, Harry	New York City	Roberts, Jess G.	Yonkers, N. Y.
Levinbuck, Jacob	New York City	Roney, Stanley	Port Byron, N. Y.
Levinthal, David	Brooklyn, N. Y.	Rosenberg, Henry	New York City
Levy, Victor S.	Mamaroneck, N. Y.	Rosenberg, Jacob	Syracuse, N. Y.
Leiberman, Robert	New York City	Roseman, David	New York City
Liotta, Anthony L.	Brooklyn, N. Y.	Rosenthal, Osias N.	Brooklyn, N. Y.
Lowenstein, Leopold	New York City	Rossman, Hyman	New York City
Lucchesi, Amerigo T.	New York City	Rovitti, Rachel	New York City
Lurie, Benedict L.	Newark, N. J.	Sadofsky, Morris	New York City
McCabe, Benjamin	Farmingdale, N. Y.	Safyan, Louis	New York City
MacEwen, Lorton B.	Pine Bush, N. Y.	Salerno, Nicholas	New York City
McIlwaine, Arthur	Paterson, N. J.	Salob, Nathan	New York City
Madineck, Israel B.	New York City	Samuels, Sophia	New York City
Mainella, Alfred M.	New York City	Santa Maria, Frank C.	Brooklyn, N. Y.
Malkin, Samuel	New York City	Schar, Morris	New York City
Malsman, Rose	Brooklyn, N. Y.	Schein, Abraham L.	New York City
Manashaw, Dave	New York City	Schein, Louis	New York City
Mangino, Olindo J.	New York City	Shiller, Philip	New York City
Marinaro, Francesco	New York City	Schmerer, Max	New York City
Mason, Earl S.	Auburn, Me.	Schneider, Sidney G.	West New York, N. J.
Masur, Oscar	New York City	Schnitman, Harold	Brooklyn, N. Y.
Mates, Abraham	Brooklyn, N. Y.	Schwartz, Jacob	New York City

Schwartz, Milton M.	Rockaway Beach, N. Y.	Cutter, William H.	Brooklyn, N. Y.
Seaman, William A.	Walton, N. Y.	Dostrow, Alexander J.	New York City
Seinfeld, Samuel	New York City	Downer, William J.	Brooklyn, N. Y.
Seligman, Hilary	New York City	Dreizin, Herman N.	New York City
Sheeley, Ralph E.	Ossining, N. Y.	Elek, Adalbert	New York City
Sherman, Samuel	New York City	Fiscella, Anthony V.	New York City
Sica, Alfonso F.	New York City	Freda, Frank J.	Brooklyn, N. Y.
Siegel, Herman	Union Hill, N. J.	Ginsberg, Julius	New York City
Siller, Louis M.	Kingston, N. Y.	Haase, Frederick A., Jr.	Newark, N. J.
Simmons, Edward B.	Canandaigua, N. Y.	Halpern, Louis N.	New York City
Simonet, Jacob	New York City	Herman, Charles	West New York, N. J.
Sklow, Jacob	Newark, N. J.	Jansen, Charles E.	New York City
Snody, Robert R.	Yonkers, N. Y.	Kessler, Sidney	New York City
Sosnovsky, Alexander	New York City	Krepela, Rudolph	Winfield, L. I.
Sottile, John	New York City	Krumwiede, Howard A.	New York City
Soupine, Alice	New York City	Long, Lillian E.	New York City
Spagnuolo, Joseph	New York City	Meltzer, David	Brooklyn, N. Y.
Sproule, Thomas A.	New York City	Ofrias, Joseph	New York City
Steinberg, Cecilia H.	New York City	Ofrias, Rose F.	New York City
Stein, Julius	New York City	Roediger, Traugott F.	New York City
Sugrañes, Jose P.	New York City	Roemer, Andrew	Jersey City, N. J.
Suk, Oldrick A. J.	New York City	Rubinstein, Emanuel	New York City
Swedosh, Paul H.	New York City	Ruperti, Justus O.	New York City
Tabachnick, Max	New York City	Schenkman, Jacob	New York City
Tabachnick, Pauline	Brooklyn, N. Y.	Schwartz, Mandel	New York City
Tareila, Helen E.	Ansonia, Conn.	Sherman, Benjamin W.	New York City
Tarpinian, John V.	New York City	Stephen, Alfred W.	Brooklyn, N. Y.
Temperlyn, Walter	Paterson, N. J.	Varga, John	New York City
Timko, Joseph	New York City	Walker, Almond S.	New York City
Tolbin, George W.	New York City	Weinberg, David E.	New York City
Urban, Jeannette	Brooklyn, N. Y.	Weinig, William J.	Brooklyn, N. Y.
Valutkevich, Anthony	Brooklyn, N. Y.	Wickham, Edward A.	Newark, N. J.
Vanacore, Joseph A.	New York City	William, John M.	Brooklyn, N. Y.
Villamena, Ermelinda M.	New York City	Zaccardo, Dominic A.	New York City
Weinstein, Isidor	New York City		
Weiss, Sidney	Tarrytown, N. Y.		
Weiss, Samuel	Jersey City, N. J.		
Wolf, Harry	New York City		
Wolin, Philip N.	Brooklyn, N. Y.		
Wollan, Morris	New York City		
Yanket, Edward	New York City		
Yanowitz, Harry	New York City		
Zinnerman, Herbert M.	Brooklyn, N. Y.		
Zito, Frank	New Rochelle, N. Y.		

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## EVENING CLASS

Adolph, Edward H.	New York City
Anzelwitz, Hyman	New York City
Axelrad, Solomon	New York City
Blomeier, Walter Henry	New York City
Blumenkranz, Isidore J.	New York City

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## SUMMARY

Third Year University Class	10
Second Year University Class	14
First Year University Class	34
Second Year College Class	149
First Year College Class	278
Evening Class	39
Total	524

Twelve of the members of the evening class registered in more than one course. Adding this number to the 39 above reported will account for the total of 51 previously announced. If a separate list is required of those registered in the different departments, this can, of course, be furnished.

# SUMMARY

## OFFICERS

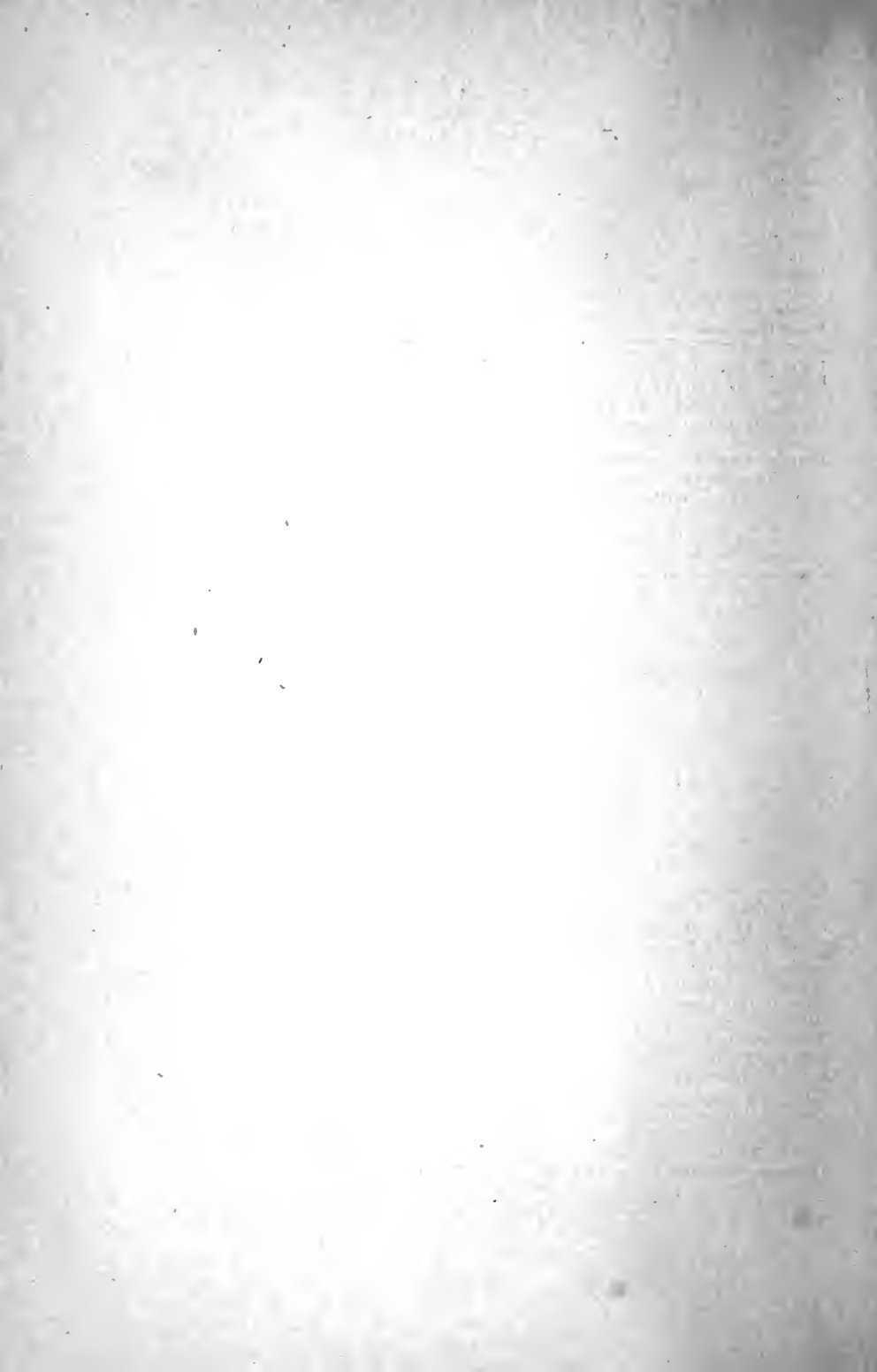
(Corrected to May 1, 1918)

Professors . . . . .	179	
Associate Professors . . . . .	55	
Assistant Professors . . . . .	116	
Clinical Professors . . . . .	25	
Associates . . . . .	53	
Instructors . . . . .	229	
Curators . . . . .	2	
Lecturers and other Special Officers of Instruction . . . . .	40	
Assistants . . . . .	78	
Clinical Assistants . . . . .	106	
		<hr/>
UNIVERSITY OFFICERS OF INSTRUCTION . . . . .	883	
OTHER INSTRUCTORS IN TEACHERS COLLEGE . . . . .	152	
OTHER INSTRUCTORS IN COLLEGE OF PHARMACY . . . . .	8	
EXTENSION TEACHING OFFICERS NOT INCLUDED ABOVE . . . . .	119	
		<hr/>
UNIVERSITY OFFICERS OF ADMINISTRATION ( <i>not included above</i> ) . . . . .		1162
OTHER OFFICERS OF ADMINISTRATION, BARNARD COLLEGE, TEACHERS COLLEGE, AND COLLEGE OF PHARMACY ( <i>not included above</i> ) . . . . .		36
		<hr/>
		15
		<hr/>
		1213
EMERITUS OFFICERS . . . . .		17
OTHER OFFICERS NOT IN ACTIVE SERVICE . . . . .		13
		<hr/>
TOTAL . . . . .		1243
HORACE MANN SCHOOL AND THE LINCOLN SCHOOL ( <i>not included above</i> ) . . . . .		121

## STUDENTS

(Corrected to March 15, 1918)

	1917-1918	
	Summer Session	Winter and Spring Sessions
		Totals
Columbia College . . . . .	212	1,316
School of Law . . . . .	35	218
College of Physicians and Surgeons . . . . .	29	527
Schools of Mines, Engineering, and Chemistry . . . . .	7	80
Graduate Faculties . . . . .	620	978
School of Architecture . . . . .	2	49
School of Journalism . . . . .	10	74
Barnard College . . . . .	87	695
Teachers College . . . . .	1,588	2,135
College of Pharmacy . . . . .	..	524
Extension Teaching . . . . .	..	6,657
School of Business . . . . .	7	81
Unclassified University Students . . . . .	3,547	191
		<hr/>
TOTAL . . . . .	6,144	13,525
Duplicate registrations between schools . . . . .	..	..
		<hr/>
Totals by sessions and for the year to date . . . . .	6,144	13,525
		17,600



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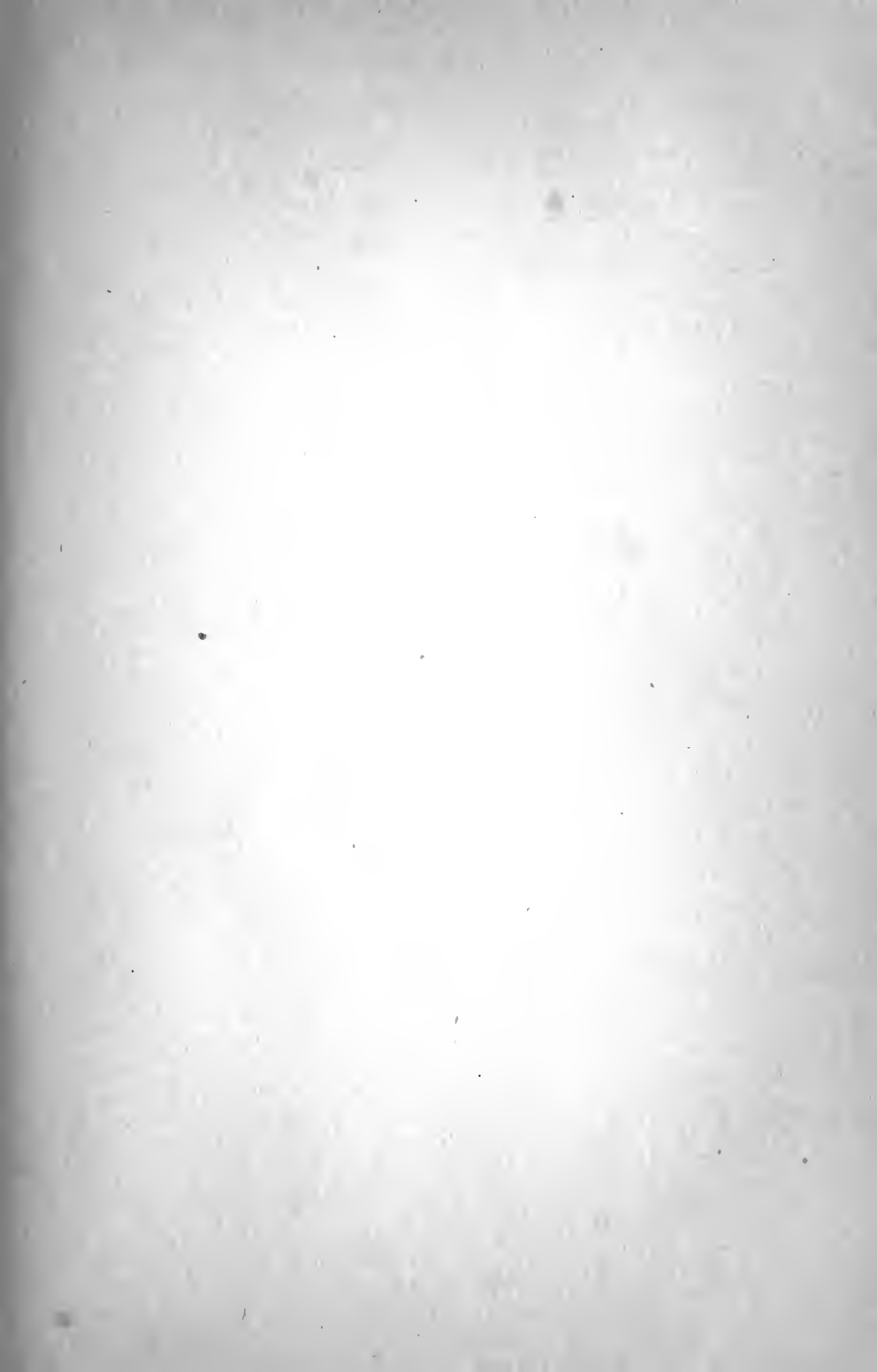
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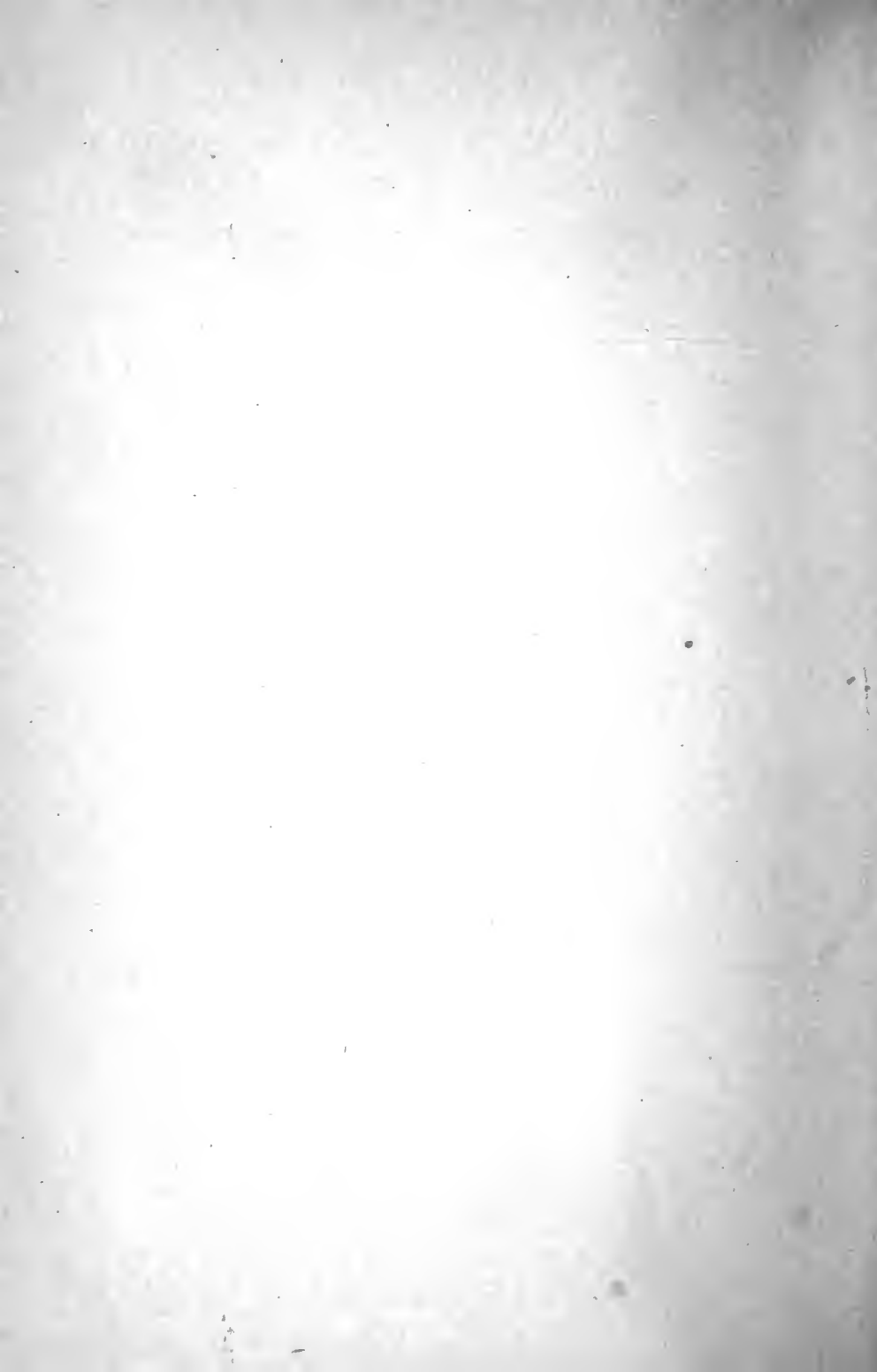
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## Directory of Officers

<i>A.</i> = Avery.	<i>Hm.</i> = Hamilton.	<i>Phar.</i> = College of Pharmacy.
<i>B.</i> = Barnard College.	<i>H.M.S.</i> = Horace Mann School.	<i>P.&amp;S.</i> = College of Physicians and Surgeons.
<i>C.R.L.</i> = Crocker Research Laboratory.	<i>H.M.B.S.</i> = Horace Mann Boys School.	<i>S.</i> = Schermerhorn.
<i>E.</i> = Engineering.	<i>Hv.</i> = Havemeyer.	<i>S.H.</i> = Students Hall.
<i>East</i> = East Hall.	<i>J.</i> = Journalism.	<i>T.</i> = Teachers College.
<i>E.H.</i> = Earl Hall.	<i>K.</i> = Kent.	<i>Th.</i> = Thompson.
<i>F.</i> = Fayerweather.	<i>L.</i> = Library.	<i>U.</i> = University.
<i>G.T.S.</i> = General Theological Seminary.	<i>L.S.</i> = The Lincoln School.	<i>U.T.S.</i> = Union Theol. Seminary.
<i>Gym.</i> = Gymnasium.	<i>M.</i> = School of Mines.	<i>V.C.</i> = Vanderbilt Clinic.
<i>H.A.</i> = Household Arts.	<i>Macy</i> = Macy.	
	<i>P.</i> = Philosophy.	

Furnald, Hartley, Livingston, Whittier, Brooks = Residence Halls.

† = Married.

Name	Office Hours	Office	Residence
Abbott, A. Asst. Prof. †	M. W. 2	320 T.	338 Summit ave., Leonia, N. J.
Abbott, N. Prof.	M.-F. 9-10	K.	537 W. 121
Abelson, P. Ext. T.			1 W. 101
Abrahamson, E. M. Ext. T.			278 W. 113
Abramowitz, E. W. Clin. Asst.		V. C.	41 W. 82
Adam, J. D. Assoc. †		216 B.	25 Arnoldale Rd., Hartford, Conn.
Adler, F. Prof. †	By appointment	T.	152 W. 77
Agger, E. E. Assoc. Prof. †	M. W. F. 9:30-10	713 Hm.	Tenafly, N. J.
Agramonte, E., Jr. Lect. †	M. Tu. Th. F. 8:30-9	511 J.	438 W. 116
Alberti, Mme. E. A. Lect.		T.	Carnegie Hall
Alexander, L. H. Instr. †	Tu. Th. 1:30	112 B.	381 Park ave., Leonia, N. J.
Allen, G. M. Instr. †	M. W. F. 10:30-11	406 A.	521 W. 122
Allinson, May, Lect.		T.	405 W. 118
Alsop, Gulielma F. Coll. Physician, B. C.	Daily 1-3	S. H.	53 Washington Sq.
Alter, E. Clin. Asst.		V. C.	20 W. 111
Ames, T. H. Instr.		P. & S.	375 Park ave.
Anderton, W. P. Instr.		P. & S.	825 Madison ave.
Andrews, B. R. Asst. Prof. †	M. W. F. 3:30	119 H. A.	Edgewater, N. J.
Andrews, Mrs. Elizabeth R.			
Coll. Visitor T. C.	M.-F. 2-4	108 T.	Edgewater, N. J.
Andrews, J. C. Asst.	By appointment	602 Hv.	Livingston
Anthony, Kate S. Tr.		H. M. S.	202 W. 78
Arnett, A. M. Ext. T.	M. 10-11; Th. 3:15-4:30	706 Hm.	430 W. 118
Arendt, M. Asst. Prof.	(Absent on leave)		

Name	Office Hours	Office	Residence
Arny, H. V. Prof. †		Phar.	135 Watchung ave., Montclair, N. J.
Aronson, L. S. Clin. Asst.		V. C.	1391 Madison ave.
Asserson, M. Alice, Asst. Physician	M. W. F. 4-6 (Absent on leave)	161 T. P. & S. T.	Hndk.-Hudson Apts. 41 E. 70 196 Berkeley Pl., Bklyn.
Atchley, D. W. Instr. †			
Atkinson, Louise S. Instr.			
Atkins, R. T. Instr. †	(Absent on leave)	P. & S.	37 E. 30
Atwood, A. W. Assoc. †	M. 2-3	404 J.	272 Nassau, Princeton, N. J.
Auchincloss, H. Assoc. †		P. & S.	178 E. 70
Ayres, D. R. Instr.		P. & S.	57 W. 58
Ayres, H. M. Asst. Prof. †	M. W. 11	606 P.	Westport, Conn.
Babcock, J. W. Clin. Asst.		V. C.	61 E. 86
Bach, Matthew G. Instr.	M. W. F. 11	T.	Livingston
Bach, R. F. Curator †	M. W. F. 11; Tu. Th. 3	405 A. 231 T.	537 W. 121 Livingston
Bach, M. G. Instr.	M. W. F. 11-12	H. M. S.	537 W. 121
Bacon, Georgia F. Tr.			
Baekeland, L. H. Hon. Prof.			58 Vanderbilt ave., Stapleton, S. I.
Bagley, W. C. Prof.	(Absent on leave)		
Bagster-Collins, E. W. Assoc. Prof. †		T.	
Baker, C. M. Tr.		H. M. S.	1360 University ave.
Baker, Emma R. Instr.	Daily 9:30-10:30	T.	Whittier
Baker, F. T. Prof. †	Tu. Th. 11-11:30	323 T.	Park Hill, Yonkers
Baker, Helen B. Tr.		H. M. S.	195 Claremont ave.
Baker, K. L. Ext. T.			3263 Boulevard, Jersey City
Baker, S. Josephine, Lect.		T.	33 W. 96
Baldensperger, F. Prof. †	Tu. 9-11	500 P.	298 Manhattan ave.
Balderston, Lydia R. Instr.	M. W. 1:30-2; Tu. 10:45-11	T.	509 W. 121
Baldt, Laura I. Instr.	Tu. 1:45-2:10; Th. 5-5:30	T.	501 W. 120
Baldwin, C. S. Prof. †	M. W. F. 9-9:30 Tu. Th. 9-9:30	140 B. 609 P.	524 Riverside Dr.
Baldwin, Elizabeth G. Lib'n T.C.	Daily 11-12	313 T.	435 W. 123
Baldwin, Mabel E. Asst.	M. F. 1-4	513 Hv.	418 W. 118
Ballard, Anna W. Asst. Prof.	Tu. Th. 11; S. 10	331 T.	120 W. 103
Ballard, C. W. Instr.		Phar.	335 Senator, Bklyn.
Balls, A. K. Instr.		P. & S.	Livingston
Baltz, F. P. Ext. T.	M. 7:15-7:40 p. m.	511 J.	371 W. 119
Bancel, H. A. Clin. Asst.		V. C.	235 E. 68
Bancroft, F. W. Instr. †		P. & S.	8 E. 54
Bandler, C. G. Instr.		P. & S.	49 E. 49
Barber, E. M. Ext. T.	Th. 7:40-9:30 p. m.	511 J.	633 W. 152
Barnes, H. E. Lect. †	W. Th. 2-3	704 Hm.	420 W. 118
Barrows, Anna, Instr.	(Absent on leave)	T.	

Name	Office Hours	Office	Residence
Barry, F. Instr. †	M. 10-11	403 J.	601 W. 113
Barsky, G. Asst.	Tu. Th. F. 2-4	505 Hv.	Hartley
Bartlett, F. H. Assoc.		P. & S.	44 E. 63
Bastedo, W. A. Asst. Prof. †		P. & S.	57 W. 58
Batchelder, Evelyn, Tr.		T.	415 W. 118
Batchelder, Mildred I. Tr.		H. M. S.	415 W. 118
Batchelder, Ruth, Tr.		H. M. S.	430 W. 119
Baughman, W. H. Clin. Asst.		V. C.	134 E. 62
Baum, Helen D. Asst.		H. M. S.	148 W. 78
Beans, H. T. Assoc. Prof. †	(Absent on leave)		
Beans, J. E. Ext. T.			115 Carleton ave., Bridgeport, Conn.
Beaumont, William, Asst.		T.	Whittier
Begg, C. L. Instr.		P. & S.	131 E. 17
Beidleman, F. A. Ext. T.	M. F. 3-4	509 J.	604 W. 191
Belcher, D. R. Lect.		211 Hm.	2940 Broadway
Bell, Alice F. Asst.		T.	37 E. 71
Belting, P. E. Asst. †		H.M.B.S.	510 W. 123
Bement, A. Asst. Prof. †			
Berens, C. Clin. Asst.		V. C.	24 E. 48
Berg, H. W. Assoc.		P. & S.	10 E. 73
Berger, Jane C. Secy. to Dean, T.C.	Daily 9-5; S. 9-12	T.	Whittier
Berkey, C. P. Prof. †		303 S.	Palisade, N. J.
Bewer, J. A. Prof. in U. T. S.		U. T. S.	606 W. 122
Beyer, A. H. Assoc.	Tu. Th. 9-10	408 E.	55 Leggett ave., Woodhaven
Bibb, L. Asst.		P. & S.	86 Haven ave.
Bickell, R. T. Ext. T.			1928 University ave.
Bigelow, C. O. Treas.		Phar.	138 W. 78
Bigelow, Gertrude I. Tr.		H. M. S.	434 W. 120
Bigelow, M. A. Prof. and Dir. Sch. Pract. Arts	M. W. 9-11; 2-4	107 T.	Croton-on-Hudson
Bigongiari, D. Asst. Prof.	(Absent on leave)		
Bigongiari, G. Ext. T.			178 Park Row
Bindermann, S. A. Clin. Asst.		V. C.	47 St. Mark's Pl. 880 St. Nicholas ave.
Bird, J. M. Ext. T.			
Bishop, F. W. Instr. †		P. & S.	202 W. 103
Blackwell, H. B. Instr.		P. & S.	148 W. 58
Blair, Vevia, Tr.		H. M. S.	430 W. 119
Blakeslee, G. A. Clin. Asst.		V. C.	215 W. 101
Blancard, W. Clin. Asst.		V. C.	55 E. 76
Blanchard, R. H. Instr.	Tu. Th. 10-11; W. 3:30-4:30	506 J.	627 W. 113
Boas, Belle, Tr.		H. M. S.	
Boas, F. Prof. †		708 J.	Grantwood, N. J.
Bogert, M. T. Prof. †	Tu. Th. 12:20-1 (Absent on leave)		422 W. 154
Böhme, T. Ext. T.	M.-F. 4-4:30	405 Hm.	510 W. 123
Bonser, F. G. Prof. †	Tu. Th. 2-3	235 Macy	508 W. 112
Boorstein, S. Clin. Asst.		V. C.	529 Cortlandt ave.
Boots, R. S. Instr. †	M. Th. 11-12	607 Hm.	420 W. 121
Boring, W. A. Prof. †	M.-F. 2-4	404 A.	500 W. 121

# D I R E C T O R Y   O F   O F F I C E R S

Name	Office Hours	Office	Residence
Botsford, G. W. Prof. †	Th. 1-2	603 K.	28 Urban, Mt. Vernon
Bovaird, D., Jr. Asst. Prof. †	(Absent on leave)	P. & S.	137 E. 60
Bowman, C. A. Instr. †	(Absent on leave)	T.	
Bowman, J. F. Instr. †		P. & S.	40 Union ave., Irvington, N. J.
Boyd, W. B. Asst.		P. & S.	850 Park ave.
Boyd, Virginia T. Clerk of B. C.	M.-F. 9-5; S. 9-12	S. H.	618 W. 114
Bradish, Ethelwyn C. Tr.		L. S.	106 Morningside Dr.
Bradner, Caroline, M. Tr.		H. M. S.	Furnald
Brainin, C. S. Ext. T.		F.	31 Astor, Newark
Brandt, Lillian, Asst.	Tu. Th. 3-5	607 K.	26 Orange, Bklyn.
Brant, Laura C. Lect.			
Braun, W. A. Assoc. Prof. and Dir. Deutsches Haus †	Tu. 11; F. 9	113 B.	99 Claremont ave.
Breckenridge, W. E. Assoc. †	Tu. 4:30-5	212 T.	21 Sycamore ave., Mt. Vernon
Brenner, E. C. Instr.			
Brewster, Dorothy, Instr.	M. 1:30-3	711 J.	618 W. 114
Brewster, G. A. Clin. Asst.		V. C.	
Brewster, W. T. Prof. and Provost of B. C. †	Tu. Th. 11-12	135 B.	Hartsdale
Briggs, Annie B. Asst.		H. M. S.	505 W. 121
Briggs, Elizabeth, Tr.		H. M. S.	11½ W. 84
Briggs, T. H. Assoc. Prof. †	W. 3-3:30; S. 11-11:30	227 T.	533 W. 124
Brill, N. E. Prof. †	(Absent on leave)	P. & S.	48 W. 76
Brimhall, D. R. Asst. †		514 S.	435 W. 119
Britton, N. L. Dir. N. Y. Botanical Garden			Bronx Park
Broadhurst, Jean, Asst. Prof.	W. 3-4	420 T.	Edgewater, N. J.
Brooks, Frank E. Tr. †		H. M. B. S.	600 W. 114
Brooks, Mrs. Marie K. Tr.		H. M. S.	600 W. 114
Brown, A. J. Instr.		P. & S.	156 E. 64
Brown, D. M. Clin. Asst.		V. C.	1640 Madison ave.
Brown, Grace L. Instr.	Tu. Th. 11	112 T.	414 W. 121
Brown, L. N. Instr.		Phar.	120 W. 64
Brown, Mrs. Pluma, Asst.		T.	423 W. 120
Bruce, J. L. Ext. T.			528 W. 123
Buckley, Grace, Asst.		T.	Whittier
Buckner, Chester A. Asst. to Director, The Lincoln School †		L. S.	414 W. 120
Buerger, L. Instr.		P. & S.	1000 Park ave.
Bugbee, H. G. Instr. †		P. & S.	40 E. 41
Bullock, F. D. Assoc.		C. R. L.	1145 Amsterdam ave.
Bundree, Mrs. L. C. Resident Dir. Courses in Oral Hygiene			955 Park ave.
Burdick, F. M. Emer. Prof. †			601 W. 113
Burgess, J. W. Emer. Prof. †			187 Gibbs ave., Newport, R. I.



Name	Office Hours	Office	Residence
Burke, Agnes, Instr.	Th. 2-3	112 T.	514 W. 122
Burlingham, R. Asst. †	(Absent on leave)	P. & S.	129 E. 38
Burnap, S. R. Instr. †	(Absent on leave)	P. & S.	44 E. 65
Burnham, A. C. Clin. Asst.		V. C.	140 W. 79
Burns, Margaret, Lect.			
Burnside, C. H. Prof. †	(Absent on leave)		Morsemere, N. J. 27 E. 77
Burr, W. H. Emer. Prof. †		P. & S.	Palisade, N. J.
Burton-Opitz, R. Assoc. Prof. †		306 P.	610 W. 115
Burrill, E. S. Ext. T.	S. 9:30-12	704 P.	1 W. 64
Bush, W. T. Assoc. Prof. †	(Absent on leave)		
Buswell, A. M. Lect.	(Absent on leave)		
Butler, N. M. Prest. †	M. Tu. Th. F. 10:30-12	213 L.	60 Morningside Dr. 644 Riverside Dr.
Byrnes, T. W. Instr.			
Cadorin, E. Lect.			
Cahill, G. F. Instr. †		P. & S.	49 E. 49
Cain, E. A. Clin. Asst.		V. C.	344 W. 22
Caldwell, O. W. Prof. and Dir. The Lincoln Sch. †	Daily 10-12	L. S.	47 Rockland ave., Yonkers
Calkins, G. N. Prof. †	M. 2-3; Tu. 10-11; S. 11-12	609 S.	Hartsdale
Camac, C. N. B. Asst. Prof. †	(Absent on leave)	P. & S.	128 E. 60
Cameron, E. A. Instr.		P. & S.	447 W. 59
Camp, C. L. Asst.			
Campbell, Mrs. Ruth P. Asst.		H. M. S.	568 W. 192
Campbell, W. Prof.	Tu. Th. 9-10	502 M.	Livingston
Canfield, G. F. Prof. †	M. Th. 11	406 K.	344 W. 72
Cannon, A. B. Clin. Asst.		V. C.	
Cantor, S. Clin. Asst.		V. C.	239 Broadway
Carling, Florence, Lect.		T.	St. Luke's Hospital
Carling, Martha V. Nurse	(Absent on leave)		
Carlucci, G. A. Instr.		P. & S.	981 Park ave.
Carney, Mabel, Instr.	Tu. 10-11; F. 3-4	317 T.	434 W. 120
Carpenter, C. D. Asst. Prof. †	Tu. Th. 11-12	415 T. C.	114 Morningside Dr.
Carpenter, W. H. Prof. and Provost †	Daily 10-12 Daily 2-4	305 East Library	417 W. 117
Carr, C. E. Instr.		P. & S.	445 Park ave.
Carr, M. L. Instr.		P. & S.	36 W. 59
Carter, H. S. Assoc. †		P. & S.	66 W. 55
Cartwright, Mrs. Harriet G. Tr.		H. M. S.	126 Claremont ave.
Casamajor, L. Assoc. Prof.	(Absent on leave)		
Chace, Edith P. Instr.	W. F. 11-12	114 H. A.	Whittier
Chaddock, R. E. Assoc. Prof. †	M. W. 11-12	501 K.	54 Morningside Dr.
Chambers, P. E. Prof. †		P. & S.	48 E. 57
Chandler, C. F. Emer. Prof. †			51 E. 54
Chandler, H. A. E. Assoc. Prof. †	M. W. 3-4	514 Hm.	615 W. 176
Chappell, W. F. Prof.		P. & S.	7 E. 55
Chase, O. J. Clin. Asst.		V. C.	17 E. 38
Chassell, Clara F. Instr.	M. W. F. 8:30-9; M. W. 1:30-2:30		104 H.M.S. 519 W. 121

Name	Office Hours	Office	Residence
Chittick, James, Lect.		T.	122 E. 25
Christianson, Erica, Instr.	Tu. Th. 2-5	113 H. A.	519 W. 121
Clark, D. L. Ext. T. †	M. Th. 8-8:20	710 J.	400 W. 118
Clark, J. B. Prof.	(Absent on leave)		465 West End ave.
Clark, Jennie M. Tr.		H. M. S.	509 W. 121
Clark, R. F. Ext. T.			194 Christie Hgts., Leonia, N. J.
Clark, Sarah B. Asst.		H. M. S.	503 W. 121
Clark, Thatcher, Ext. T. and Lect. †			Ridge Rd., Park Hill, Yonkers
Clarke, W. C. Asst. Prof.		P. & S.	Tenafly, N. J.
Class, F. M. Instr.		P. & S.	24 W. 45
Clifford, Rev. C. Lect.	W. F. 1-2	702 P.	Whippany, N. J.
Coad, O. S. Instr. †	Daily 9-10	606 Hm.	350 W. 120
Coakley, C. G. Prof.		P. & S.	53 W. 56
Coblentz, V. Emer. Prof.			23 Vine, Bklyn.
Cocks, G. H. Instr.	(Absent on leave)	P. & S.	137 E. 54
Coe, G. A. Prof. in U. T. S.		U. T. S.	606 W. 122
Cohn, A. Ret. Prof.			
Coker, F. W. Lect.		P. & S.	
Colby, Gertrude K. Instr.	Tu. Th. F. 11	553 Th.	435 W. 119
Cole, F. N. Prof. †	Tu. 2-3	406 E.	
Colie, E. M., Jr. Assoc. †	(Absent on leave)	P. & S.	265 W. 81
Coll, A. P. Instr. †		P. & S.	153 Lexington ave.
Collins, Evelyn L. Lect.		T.	302 E. 58
Collins, H. D. Instr. †	(Absent on leave)	P. & S.	630 Park ave.
Colman, Anna, Instr.	Tu. 1:30-2	212 H. A.	1 Lexington ave.
Colony, R. J. Instr. †	Tu. S. 9-6	303 S.	Armour Villa Pk., Bronxville
Colsey, L. C. Gym. Asst.		U.	
Combes, Abbott L. Tr. †		H. M. B. S.	601 W. 127
Condry, Margaret G. Tr.		H. M. S.	419 W. 119
Conley, D. S. Instr. and Asst.		P. & S.	342 W. 56
Connell, K. A. Assoc.	(Absent on leave)	P. & S.	45 W. 50
Cook, Elizabeth C. Instr.	Tu. 2-3; Th. 10-11	322 T.	501 W. 120
Cook, Mary A. Lib'n Sch. Journ.	Daily 9-5	303 J.	417 W. 120
Cooley, Anna M. Assoc. Prof.	Tu. Th. 2-3	115 H. A.	202 W. 79
Cooley, W. F. Instr. †	W. F. 3-4	614 Hm.	527 W. 121
Corbett, H. W. Ext. T.	W. 2-5	A.	443 W. 21
Cornell, Grace A. Asst. Prof.	Tu. Th. 1-2	431 Macy	33 Alsop, Jamaica
Cornwall, L. H. Clin. Asst.		V. C.	350 Park ave.
Corscaden, J. A. Assoc. and Instr. †		P. & S.	50 E. 63
Coss, J. J. Asst. Prof.	M.-F. 11-12	321 U.	Livingston
Costello, H. T. Instr.	Daily 10-11	36 B.	Livingston
Cotter, J. J. Clin. Asst.		V. C.	61 W. 74
Couchman, C. B. Instr.		Phar.	30 Church
Coulter, J. H. Tr.		H. M. S.	Greenwich, Conn.
Coutant, Mrs. A. F. Lect.	M. F. 9-12	312a B.	164 Manhattan ave.
Cowl, Mrs. Margaret Z. Instr.	Tu. 9; Th. 4	118 T.	509 W. 121
Cox, W. W. Instr.		P. & S.	149 W. 11

Name	Office Hours	Office	Residence
Coxley, Irma H. Asst.		H. M. S.	300 Sip ave., Jersey City
Coykendall, M. Helen, Asst.		H. M. S.	
Cragin, E. B. Prof. †		P. & S.	10 W. 50
Crampton, H. E. Prof. †		415 B.	2880 Broadway
Crandall, Ella P. Lect.		T.	600 Lexington ave.
Crandon, Laura B. Tr.		H. M. S.	509 W. 121
Crawford, J. R. Asst. Prof. and Lib'n Avery Library	M. 9-10	A.	28 Dearborn Rd., Palisade, N. J.
Cross, A. J. Ext. T.	Daily 11-4	20 E. 23	4241 Broadway
Cunliffe, J. W. Prof. and Assoc. Dir. Sch. Journ. †	M. 9-10; W. F. 11-12	201 J.	320 W. 102
Cunningham, R. H. Assoc.			
Cunningham, W. F. Instr.	(Absent on leave)		
Currier, R. D. Instr.			35 E. Park, Newark
Curtis, C. C. Assoc. Prof.			
Curtis, Mary W. Secy., Dept. Foods and Cookery, T.C.		T.	457 W. 123
Curtis, Maynie R. Assoc.		C. R. L.	1145 Amsterdam ave.
Curtis, Nell C. Tr.		L. S.	423 W. 120
Cussler, E. Instr. †	(Absent on leave)	P. & S.	103 E. 75
Dabney, Katherine, Asst.		T.	90 Morningside Dr.
Daniel, Lucetta, Social Director T. C.	M.-F. 10-12	108 T.	Whittier
Danielson, C. S. Bursar †	M.-F. 9:30-3:30; S. 9:30-12		
Danschakoff, Vera, Asst. Prof.		309 U.	56 Morris, Yonkers
Darling, B. C. Instr.		P. & S.	235 E. 59
Darrach, W. Prof. †	(Absent on leave)	P. & S.	47 E. 57
Daschbach, M. Grace, Lect.		P. & S.	47 W. 50
Davies, M. J. Asst. to Dir. Ext. T. †	M.-F. 11-1; 2:30-3:30	605 H. A.	400 Carnegie Hall
Davis, B. Assoc. Prof.	M. F. 9-11	304 U.	411 W. 114
Davis, B. J. Instr.		408 F.	411 W. 114
Davis, C. E. Lect.	Daily 11-12	Phar.	320 State, Bklyn.
Davis, Mrs. Estelle H. Lect.		114 Hv.	Hartley
Day, Grace A. Instr.	M. 1-2; Th. 3:30-4:30	B.	189 Claremont ave.
Day, W. S. Lect.		203 T.	422 W. 119
Dean, A. D. Prof. †	W. F. 10-12	129 Macy	Faculty Club
Dean, B. Prof. †		605 S.	Riverdale
Dearborn, Emma B. Ext. T.	Daily 3-4	509 J.	357 W. 115
de Bacourt, P. Instr. †	Tu. Th. S. 10-11	606 J.	9 W. 98
Defrem, H. Ext. T.	Th. F. S. 9-12	P. & S.	82 Washington Pl.
Dement, Lucia W. Instr.	M. F. 9-10	431 Macy	501 W. 120
Denig, R. C. Prof. †		P. & S.	56 E. 58
de Onis, F. Prof. †	M. F. 5-6	504 P.	

Name	Office Hours	Office	Residence
Derby, R. Instr. †	(Absent on leave)	P. & S.	116 E. 79
Detraz, M. Julia, Tr.		H. M. S.	Furnald
Devine, E. T. Prof. †	(Absent on leave)		542 W. 112
Dewey, J. Prof. †	M. W. 2-3	702 P.	2880 Broadway
de Yoanna, G. Clin. Asst.		V. C.	
Dibble, R. F. Instr.	M. W. F. 10-11	606 Hm.	Livingston
Dickey, F. A. Registrar †	M.-F. 9:30-12; 2-4:30; S. 9:30-12		53 Quimby ave., White Plains
Diekman, G. C. Prof. †		315 U.	
Diem, O. Instr.		Phar.	555 E. 23, Bklyn.
Diller, Helen E. Instr.		P. & S.	123 E. 60
Dineen, P. A. Instr.	M. 3-4; W. 11-12	322 T.	419 W. 119
Dinet, Irene C. Ext. T.	(Absent on leave)	P. & S.	352 W. 28
Dix, Anne S. Asst.			316 W. 84
Dodge, Bernice F. Tr.		T.	537 W. 121
Dodge, B. O. Instr. †		H. M. S.	510 W. 123
Dodge, E. R. Tr.	Tu. Th. 1-2	510 S.	417 W. 121
Dodge, R. E. Emer. Prof.		H.M.B.S.	508 W. 112
Dohr, J. L. Instr.		T.	
Donohugh, Mrs. A. C. L. Ext. T.	M. W. 1-2	505 J.	Hartley
Doty, Katharine S. Sec. of B. C.			31 W. 76
	M.-F. 10-12; 2-4; S. 10-12	B.	567 W. 113
Dow, A. W. Prof. †	W. 4-5	431 Macy	501 W. 120
Dowd, C. N. Prof. †		P. & S.	127 W. 72
Downes, Helen R. Asst.			164 Manhattan ave.
Downes, W. A. Asst. Prof.		P. & S.	424 Park ave.
Draper, G. Assoc. †	(Absent on leave)	P. & S.	164 E. 63
Draper, W. K. Prof. †		P. & S.	121 E. 36
Drew, Lillian C. Instr.	M. Tu. W. Th. 2:30-3	435 Th.	435 W. 119
Dudley, Gertrude, Assoc.			
Duncan, D. B. Ext. T.	Daily 10:30-12:30	711 J.	411 W. 115
Dunham, Mrs. Stella S. Tr.		H.M.B.S.	600 W. 146
Dunning, H. S. Prof.			17 E. 38
Dunning, W. A. Prof.	W. F. 12:20	608 K.	Hotel San Rafael
Dutton, S. T. Emer. Prof.		T.	70 Fifth ave.
Dwight, K. Instr.		P. & S.	1045 Madison ave.
Dwyer, J. G. Instr.		P. & S.	40 E. 41
Earle, E. M.	M.-F. 9-12	316 U.	410 W. 115
Eaton, Annie T.			
Libr. The Lincoln School		L. S.	646 Park ave.
Eaton, P. Tr.		H.M.B.S.	115 W. 16
Edgerton, A. H. Tr. †		L. S.	414 W. 121
Egbert, J. C. Prof. and Dir. S. S., Ext. T., Sch. Business	M.-F. 11-12	301 U.	425 W. 146
Ehrhart, Adela, Asst.		T.	351 W. 29
Eisele, J. H. Ext. T.		502 E.	669 Jefferson Pl.
Engelhardt, N. L. Assoc. †	W. F. 3.	217 T.	531 W. 124
Eliot, E., Jr. Prof.	(Absent on leave)	P. & S.	34 E. 67
Elliott, A. H. Emer. Prof.			52 E. 41
Elliott, E. S. Asst. Prof. †	M.-F. 9-5	U.	Livingston

Name	Office Hours	Office	Residence
Elliott, G. R. Asst. Prof.		P. & S.	40 E. 41
Elwyn, A. Ext. T.			504 W. 112
Emerson, H. Lect.		P. & S.	
Erb, F. C. Supt. in Lib.	Daily 9-12	105 L.	520 W. 123
Erb, F. W. Supt. in Lib.	Daily 9-12		520 W. 123
Erdman, S. Instr.		P. & S.	115 E. 80
Erskine, J. Prof. †	Tu. 11-12	612 Hm.	
	Th. 10-10:30	610 P.	609 W. 115
Ettleson, J. Clin. Asst.		V. C.	
Evans, A. P. Instr. †	M. 2-3; Th. 9-10; F. 3-4:30	704 Hm.	106 Northern ave.
Evans, A. P. Instr.		P. & S.	571 Park ave.
Evans, E. M. Prof. †		P. & S.	56 E. 55
Eyster, J. B. Ext. T.			6027 Liebig ave.
Fackenthal, F. D.			930 St. Mark's ave., Bklyn., and 407 W. 117
Secretary of the University	Daily 10-12; 2-4	213 L.	
Fales, H. A. Instr.		506 Hv.	711 W. 180
Fales, Jane, Asst. Prof.	M. 10-12; Tu. W. 2-4	308 H. A.	622 W. 113
Famulener, L. W. Assoc.		C. R. L.	717 W. 177
Fansler, D. S. Asst. Prof. †	Tu. Th. 10-11	610 Hm.	780 Riverside Dr.
Farnsworth, C. H. Assoc. Prof. †	M. 2-3; W. 4-5	4 T.	142 E. 19
Farrington, Kathryn, Sec. Bur. Publications T. C.	Daily 9-5	234 Macy	449-3, Bklyn.
Farwell, H. W. Asst. Prof. †	W. 1:30-2	603 F.	241 Hillside ave., Leonia, N. J.
Faulkner, H. U. Instr.	W. Th. 10-11	416 T.	616 W. 113
Favorini, A. Clin. Asst.		V. C.	45 MacDougal
Felberbaum, D. Asst.			
Feldman, M. Clin. Asst.		V. C.	1 W. 83
Ferguson, W. Instr. †		P. & S.	40 E. 41
Ferraru, L. Ext. T.			285 Haven ave.
Finley, C. W. Tr. †		L. S.	32 Prospect Dr., Yonkers
Finch, J. K. Assoc. Prof. †	Tu. Th. 11-12	409 E.	126 Claremont ave.
Fiscella, A. V. Lab. Asst.		Phar.	229 Mott
Fischer, C. A. Instr. †	Daily 10:30-11	210 Hm.	353 W. 117
Fischer, H. Instr.		P. & S.	111 E. 81
Fisher, H. A.	Daily 9-12; 2-5	E. H.	Faculty Club
Fisher, H. L. Instr. †	M.-F. 4-5	401 Hv.	130 Claremont ave.
Fisher, Katharine A. Instr.	W. Th. 2-3	111 H. A.	501 W. 120
Fisher, Lizette A. Research Asst.	Tu. 4-5; F. 10-11	612 P.	403 W. 115
Fiske, T. S. Prof. †	M. W. 3:30	202 Hm.	527 W. 110
Fite, W. B. Prof. †	Tu. Th. 11-11:30	209 Hm.	411 W. 114
Flanigan, J. R. Clin. Asst.		V. C.	
Fletcher, J. B. Prof. †	(Absent on leave)	612 P.	112 E. 22
Flournoy, F. R. Ext. T.	W. 11-12; F. 3:45- 4:25	206 L.	Hartley
Foerster, H. Clin. Asst.		V. C.	
Foley, J. L. Ext. T.	T. F. 3-5	712 J.	410 W. 115

Name	Office Hours	Office	Residence
Ford, H. J. Lect.			
Fordyce, J. A. Prof. †		P. & S.	8 W. 77
Fortier, E. J. Asst. Prof. †	M. F. 3; W. 2	308 Hm.	557 W. 124
Fosbroke, Rev. H. E. W.			
Dean Gen. Theol. Sem.			1 Chelsea Sq.
Fowler, G. Instr.		T.	201 W. 39
Fox, D. R. Instr. †	M. 2-4	714 Hm.	1435 University ave.
Frame, Elsa L. Instr.	Tu. 3-4	212 H. A.	Whittier
Francis, Charlotte A. Instr.	Tu. 2-3	405 T.	417 W. 118
Frank, R. T. Assoc.	(Absent on leave)	C. R. L.	61 E. 82
Freas, T. B. Assoc. Prof. †	(Absent on leave)	700 Hv.	Hillcrest and Lakeview aves., Leonia, N. J.
French, Lucile G. Instr.	Th. 2-3	212 H. A.	336 Undercliffe ave., Edgewater, N. J.
Fretwell, E. K. Assoc.	M. Th. 4:30-5	229 T.	114 Morningside Dr.
Freudenfall, B. Clin. Asst.		V. C.	24 E. 48
Frieder, W. Clin. Asst.		V. C.	80 St. Nicholas ave.
Friedman, G. A. Clin. Asst.		V. C.	63 E. 84
Friedson, M. Clin. Asst.		V. C.	103 E. 10
Frissell, L. F. Asst. Prof. †		P. & S.	113 E. 56
Frost, Helen, Instr.	M. W. 11	553 Th.	616 W. 116
Frothingham, R. Asst. Prof. †		P. & S.	616 Madison ave.
Fry, Mrs. Emma S. Ext. T.			62 Pierrepont, Bklyn.
Fuld, J. E. Instr.		P. & S.	101 E. 81
Fulkerson, L. L. Clin. Asst.		V. C.	447 Ft. Washington ave.
Gallaudet, B. B. Asst. Prof.		P. & S.	105 E. 19
Galloway, J. J. Instr. †	M. Tu. W. 1-2; Th. 11-12; F. 10-11	104 S.	181 Claremont ave.
Gambrill, J. M. Asst. Prof. †	M. 1:30-2; Tu. 3:10-4	416 T. L. S.	548 Riverside Dr. 106 Morningside Dr.
Gannett, Anna J. Tr.			
Garrison, Charlotte G. Instr. and Principal of H.M. Kindergar.en	F. 2-3	110 T.	435 W. 123
Gaston, C. R. Ext. T.		712 J.	215 Abingdon Rd., Richmond Hill
Gellert, S. Clin. Asst.		V. C.	748 E. 6
Gerig, J. L. Assoc. Prof. †	Tu. Th. 11-12	506 P.	34 W. 92
Gerow, C. D. Tr. †		H.M.B.S.	29 Cornell ave., Yonkers
Geyelin, H. R. Assoc. †		P. & S.	133 W. 11
Giddings, F. H. Prof. †	M. 11-12	504 K.	514 W. 103
Gies, W. J. Prof. †		P. & S.	609 W. 115
Gifford, R. W. Prof. †	M. Tu. 10-11	410 K.	23 Ridgeview ave., White Plains
Gildersleeve, Virginia C.	M. Th. 10:30-11:30; 2:30-3:30; Tu.		
Prof. and Dean of Barnard Coll.	F. 10:30-12	B.	404 Riverside Dr.
Giliberti, V. Clin. Asst.		V. C.	11 Charlton
Gillett, H. W. Prof.			140 W. 57

Name	Office Hours	Office	Residence
Gillmore, Mary B. Tr.		H. M. S.	415 W. 118
Ginsberg, J. Asst.		Phar.	192 West End ave.
Glasgow, B. Clin. Asst.		V. C.	315 E. 6
Glenn, G. Assoc. Prof. †			26 Exchange Pl.
Glenn, E. R. Tr. †		L. S.	646 Park ave.
Glennie, A. C. Asst.		T.	Livingston
Glogau, O. Clin. Asst.		V. C.	1320 Madison ave.
Gminder, Elizabeth, Tr.		L. S.	35 E. 62
Goddard, P. E. Lect. †		Am. Mus.	335 Moore ave.,
		Nat. Hist.	Leonie, N. J.
Goetze, F. A. Comptroller		110 L.	455 W. 141
Goldenweiser, A. Instr. †	M. W. F. 11-12	704 J.	550 Riverside Dr.
Goldsmith, H. Ext. T.			460 Palisade ave.,
			West New York,
			N. J.
Good, F. F. Instr. †	M.-F. 12:20-1	409 T.	Old Wood Road,
			Edgewater, N. J.
Goodale, Grace H. Instr.	M. 10:55-12; Th.		
	2-3	331 B.	510 W. 123
Goodall, J. B. Clin. Asst.		V. C.	
Goodhart, S. P. Asst. Prof.		P. & S.	133 W. 72
Goodman, A. L. Instr.		P. & S.	136 W. 87
Goodrich, Annie W. Asst. Prof.	Tu. Th. 11-12	106 H. A.	509 W. 121
Goodridge, F. G. Assoc. †	(Absent on leave)	P. & S.	122 E. 78
Goodsell, Willystine, Asst. Prof.	(Absent on leave)	321 T.	401 W. 118
Goodspeed, Helen C. Instr.	F. 10-11	113 H. A.	510 W. 123
Gordon, D. Instr.		P. & S.	16 E. 64
Gordon, P. Ext. T.	F. 11:30-12	L. I. Col-	158 Bergen,
		lege Hosp.	Newark
Gottheil, R. J. H. Prof. †	Tu. 4	405 P.	417 Riverside Dr.
Gould, Mrs. L. W. Ext. T.			154 E. 40
Grabau, A. W. Prof. †	Tu. 2-3:30	101 S.	Hartsdale
Grace, R. V. Instr. †	(Absent on leave)		
Grady, H. F. Lect. †	M. 9:50-10:20;		
	Th. 10:50-11:20	308 B.	253 W. 100
Granger, F. S. Asst.			Livingston
Grant, E. J. Asst. Registrar †	M. F. 9-5; S. 9-12	315 U.	34 Post ave.
Grattan, J. F. Clin. Asst.		V. C.	
Gray, J. M. Instr. †	M. W. F. 10	410 Hm.	71 Rockland ave.,
			Yonkers
Gray, R. P. Asst.		T.	111 E. 62
Green, N. W. Instr. †		P. & S.	152 W. 57
Greenberg, L. Clin. Asst.		V. C.	1135-46th, Bklyn.
Gregory, J. C. Ext. T.			1947 Broadway
Gregory, Louise H. Asst. Prof.	M. 11-12	409 B.	90 Morningside Dr.
Gregory, Lucy, Lect.			
Gregory, W. K. Asst. Prof. †	M. S. 9:30-5	Am. Mus.	
		Nat. Hist.	20 W. 82
Grove, C. C. Asst. Prof. †	W. 10-11	204 Hm.	3129 Broadway
Guernsey, R. Asst. Prof. †	M. 11-12	515 Hm.	368 Grand ave.,
			Leonie, N. J.

Name	Office Hours	Office	Residence
Guilford, Elizabeth, Asst. Steward, T. C.	Tu. 1:30-2:30 Th. 1-2	204 H. A.	106 Morningside Dr.
Gunn, Lilian M. Instr.		212 H. A.	407 W. 123
Gunther, Mrs. Emma H. Asst. Prof.	M. 2-4; Tu. 10-12; 3-4; W. Th. 10-12	111 H. A.	509 W. 121 28 Park ave.
Guthrie, W. D. Prof. †		V. C.	
Guy, W. H. Clin. Asst.		P. & S.	60 W. 85
Haberman, J. V. Instr.	Daily 10-11	609 Hv.	Hartley
Haeseler, P. C. Instr.		M.-F. 9-5; S. 9-12	815 Ritter Pl.
Hagemeyer, F. H. Clerk on Admissions	Tu. Th. 3-4	106 T.	741 Ft. Washington ave.
Haig, R. M. Asst. Prof. †		504 J.	64 W. 50
Hale, H. E., Jr. Instr. †		P. & S.	
Hale, R. L. Instr.			Passaic, N. J.
Hall, E. J. Asst. Prof. †	M. Tu. W. 11-12	602 M.	112 Haven ave.
Hall, Jennie, Tr.		L. S.	16 Central Park W.
Hall, J. M. Instr.		P. & S.	49 Claremont ave.
Hall, W. H. Prof. †	Tu. F. 10:30-11:30	East	
Haller, W. Instr. †	M. W. 2:10-3	136 B.	515 W. 111
Hallett, May M. Instr.	M. W. F. 9-10	312 T.	415 W. 120
Halliday, Rev. E. M. Ext. T.			1058 E. 21, Bklyn.
Hallock, F. M. Instr.		P. & S.	150 W. 80
Hallock, F. M. Clin. Asst.		V. C.	
Halpern, B. Clin. Asst.		V. C.	
Hamilton, B. W. Asst.		P. & S.	250 W. 75
Hamilton, C. Ext. T.	S. 11:40-12	612 J.	16 Gramercy Park
Hamlin, A. D. F. Prof. †	M. W. F. 11-12; Tu. Th. 10-11	503 A.	105 Morningside ave. 100 Convent ave.
Hamlin, T. F. Ext. T.			
Hanford, J. M. Instr.		P. & S.	
Hansen, C. Clin. Asst.		V. C.	
Harloe, R. F. Ext. T.			275 E. 7, Bklyn.
Harlow, E. Clin. Asst.		V. C.	325 W. 86
Harned, W. E. Ext. T.	M. W. F. 3-4	509 J.	156 E. 81
Harper, R. A. Prof.	Tu. F. 3-4	503 S.	3038 Hill ave.
Harriman, C. A. Asst. Prof. †	Daily 9-12	501 A.	417 W. 114
Harrington, T. H. Asst. Prof.	Tu. Th. 2-3	406 E.	Scarsdale
Harrison, Gail, Tr.		L. S.	501 W. 120
Hart, Fanchon, Instr.		Phar.	508 W. 180
Hart, F. W. Assoc. †	Tu. Th. 10-11	217 T.	414 W. 121
Hart, L. Belle, Tr.		H. M. S.	424 W. 119
Hart, T. S. Asst. Prof.		P. & S.	160 W. 59
Harvitt, Helene J. Instr.		T.	192 Hooper, Bklyn.
Haskell, Mrs. H. S. Instr.	F. 11-12	217 B.	624 W. 139
Hawkes, F. Assoc. †		P. & S.	124 E. 65
Hawkes, H. E. Prof. †	Daily 10-12	208 Hm.	415 W. 117
Hawkins, W. H. Instr.		P. & S.	220 W. 98
Hayden, P. M. Instr.	M.-F. 2-2:30	305 Hm.	430 W. 119



Name	Office Hours	Office	Residence
Hayes, C. J. H. Assoc. Prof.	Th. 11; F. 10	710 Hm.	430 W 118
Haynes, R. Lect. †		T.	229-85th, Bklyn.
Haynes, R. S. Lect. †		T.	140 W. 58
Haynes, R. S. Assoc. †		P. & S.	213 W. 70
Hays, H. Instr. †		P. & S.	11 W. 81
Hayt, E. K. Asst. Regis. and Asst. Bursar	Daily 9-5	P. & S.	Livingston
Hazen, C. D. Prof. †	Tu. Th. 2:30-3	601 K.	42 E. 75
Hazen, T. E. Asst. Prof.	Tu. Th. 11	320 B.	Livingston
Heckman, A. W. Tr.		H.M.B.S.	420 W. 119
Heft, Hattie L. Instr.	W. 3-5	403 H. A	418 W. 118
Hehre, F. W. Asst. Prof.	Tu. Th. 11-12	206 E.	105 Manhattan ave.
Heiman, W. J. Clin. Asst.		V. C.	
Heinzelmann, P. Tr. †		H.M.B.S.	Fieldston, W. 246
Heniger, Alice M. H. Ext. T.			59 Gramercy Pk.
Hennes, Marie, Tr.		H. M. S.	Horace Mann School
Henry, Edna M. Asst.			
Hensel, O. Instr.		P. & S.	106 E. 81
Herrick, A. L. Instr. †	M. Tu. W. 4-5	304 E.	550 W. 172
Herrick, W. W. Assoc. †	(Absent on leave)	P. & S.	49 E. 53
Hervey, W. A. Prof. †	M. 11; W. 2	407 Hm.	
	Tu. 11; W. 5:30	510 P.	607 W. 138
Heuser, F. W. J. Asst. Prof. †	M. 10; W. 11	404 Hm.	
	S. 10	608 J.	239 So. Fifth ave.,
	S. 10:30	509 P.	Mt. Vernon
Hewitt, J. V. Assoc. †		K.	41 Ingram St., Forest Hills
Hicks, Helen, Counsellor for Girls, The Lincoln School		L. S.	Rochelle Heights, New Rochelle
Hicks, F. C. Law Lib'n †	Daily 10-12; 1-5	K.	530 W. 123
Hildreth, W. Clin. Asst.	(Absent on leave)	V. C.	162 E. 71
Hill, Jessica M. Instr.	W. F. 10-11	323 T.	620 W. 116
Hill, Patty S. Asst. Prof.	M.W. 3-4; F. 11-12	112 T.	620 W. 116
Hinckey, T. F. Lect.		T.	238 W. 122
Hinsdale, R. S. Clin. Asst.		V. C.	567 W. 113
Hirst, Gertrude M. Asst. Prof.	W. 11	212 B.	Brooks
Hirth, F. Ret. Prof.			401 W. 118
Hitti, P. K. Lect.		404 P.	445 W. 124
Hodder-Williams, R. Instr. †	M.-F. 2-3	311 Hm.	90 Morningside Dr.
Hoffer, I. S. Tr.		H.M.B.S.	Livingston
Holden, W. A. Prof.		P. & S.	8 E. 54
Hollander, F. Ext. T.			113 S. 4, Bklyn.
Hollcroft, T. R. Ext. T.	Tu. Th. 3-4	215 Hm.	107 Morningside ave.
Hollingworth, H. L. Assoc. Prof. †	W. 1-3; Th. 2-3	420 B.	417 W. 118
Hollingworth, Mrs. H. L. Instr.	M. F. 2:30-3:30	336 Macy	417 W. 118
Hollis, A. W. Prof.		P. & S.	40 W. 71
Holm, G. T. Instr. †	Tu. 9:30-10	52 Th.	36 Hudson ave., Edgewater, N. J.
Holt, L. E. Prof.		P. & S.	14 W. 55

Name	Office Hours	Office	Residence
Holzhauser, C. W. Act. Sec. Coll. Phar.		Phar.	Broad and Market, Newark
Holzwasser, Florrie, Asst.	M. F. 9-10	214 B.	
Honeywell, Hannah E. Asst.		T.	422 W. 119
Hooker, B. Ext. T.			16 Gramercy Pk.
Hooker, R. S. Instr. †	(Absent on leave)	P. & S.	175 E. 71
Hopkins, H. P. Ext. T.			2634 Webb ave.
Hosford, Jean, Tr.		L. S.	419 W. 119
Horowitz, B. Assoc.		P. & S.	120 Haven ave.
Hostmann, J. Assoc. Prof. †		Phar.	1208 Hudson, Hoboken
Hotchkiss, Caroline W. Tr.		H. M. S.	502 W. 113
Hotchkiss, L. W. Prof. †		P. & S.	59 W. 48
House, Florence E. Asst.		T.	420 W. 119
Howard, C. A. Ext. T.			1372 Riverside Dr.
Howard, Clare M. Instr.	Tu. Th. 11-12	138 B.	
	M. F. 2-3	510 J.	600 W. 115
Howe, H. M. Emer. Prof.			Bedford Hills
Howe, H. S. Instr.		P. & S.	131 E. 67
Howson, R. Asst. Lib'n †	(Absent on leave)		411 W. 114
Hoyt, R. Instr.		P. & S.	241 W. 71
Hubbard, Grace A. Assoc. Prof.	W. 12:30-12:45	335 B.	612 W. 112
Hubbart, G. R. Lect.			Bellerose, L. I.
Hubbart, Mrs. G. R. Ext. T.			Bellerose, L. I.
Huber, F. Prof.		P. & S.	209 E. 17
Huebner, S. S. Lect.	F. 10-12	506 J.	516 S. 44, Phila., Pa.
Huettner, A. F. Asst.	Daily 9-12	606 S.	554 W. 125
Hughes, C. C. Ext. T.	Tu. 4-4:30	509 J.	291 Grant ave., Grantwood, N. J.
			120 Broadway
Hughes, J. F. Ext. T.			
Hull, Helen R. Ext. T.	M. 3:30-4:30		
	W. 2-3	301 U.	112 W. 11
Hull, M. Ext. T.			220 Broadway
Hunt, E. L. Asst. Prof.		P. & S.	41 E. 63
Hunt, Mary L. Asst.	M. Tu. W. F. 4:30-5	613 P.	420 W. 121
Huntington, G. S. Prof. †		P. & S.	Hartsdale
Hurwitz, W. C. Clin. Asst.		V. C.	226 W. 113
Hutchinson, Emilie J. Lect.	M. W. F. 9-10	308 B.	607 W. 116
Hutchinson, Mary E. Prin. Tr. Sch., Sloane Hosp'l		S. H.	447 W. 59
Huttmann, Maude A. Asst. Prof.	M. 2-3; T. 3-4	337 B.	321 W. 76
Hutton, L. Asst. †	(Absent on leave)	P. & S.	257 W. 86
Hutton, F. R. Emer. Prof.			257 W. 86
Hyams, J. A. Instr.		P. & S.	409 E. 118
Imbert, L. Instr. †	Tu. Th. 10:30	508 Hm.	527 W. 124
Irish, C. G. Instr.		P. & S.	
Irving, P. Instr.		P. & S.	116 E. 58
Itami, S. Asst.		C. R. L.	1145 Amsterdam ave.
Jackson, A. V. W. Prof. †	M. 4	401 P.	668 Riverside Dr.
Jackson, D. D. Assoc. Prof. †	M.-F. 11-12	305 Hv.	930 President, Bklyn.

Name	Office Hours	Office	Residence
Jackson, F. W. Prof.		P. & S.	555 Madison ave.
Jacobi, A. Emer. Prof.			19 E. 47
Jacobus, A. M. Clin. Asst.		V. C.	131 W. 70
Jagendorf, M. A.		V. C.	101 W. 115
Jaeger, C. H. Instr. †		P. & S.	471 Park ave.
Jagle, E. C. Clin. Asst.		V. C.	8 W. 77
James, H. Instr.	(Absent on leave)	P. & S.	101 E. 74
James, W. B. Prof. †		P. & S.	7 E. 70
Janvrin, E. R. P. Instr.		P. & S.	515 Park ave.
Jessup, C. J. Ext. T.			177 Taylor, Bklyn.
Jessup, D. S. D. Instr. †		P. & S.	601 W. 113
Johann, Norma E. Asst.		505 Hv.	3774 Park ave.
Johnson, A. B. Prof. †		P. & S.	Beacon Hghts., Tuckahoe
Johnson, D. W. Assoc. Prof. †	Tu. Th. 11-12	404 S.	99 Claremont ave.
Johnson, Florence M. Instr.	M. W. Th. 11-12	106 H. A.	129 E. 17
Johnson, H. Prof. †	W. 2; S. 12	416 T.	521 W. 112
Jolliffe, R. N. Instr.		T.	
Jones, A. L. Assoc. Prof. and Dir. Univ. Admissions †	Daily 10-12; M. Tu. Th. F. 3-4	321 U.	430 W. 116 Livingston
Jones, F. W. Ext. T.			411 W. 115
Jones, T. S. Ext. T.	Daily 2:30-4:30	711 J.	Palisade, N. J.
Judd, E. K. Asst. Prof. †	M. W. 9-10	403 M.	So. Harwich, Mass.
Julien, A. A. Ret. Curator			34 N. Baylis ave., Port Washington
Kains, M. G. Lect.		409 J.	
Kalenderian, V. H. Ext. T.	Tu. Th. F. 2-4; W. 7-7:30	406 P.	500 W. 122 720 Riverside Dr.
Kaminsky, A. Ext. T.			51 E. 66
Kammerer, F. Prof. †	(Absent on leave)	P. & S.	405 W. 118
Kandel, I. L. Assoc. †	W. 9-10	314 T.	44 W. 96
Kantor, J. L. Clin. Asst.		V. C.	24 E. 48
Karpas, M. J. Ext. T.			
Kasner, E. Prof.	M. W. 11:50 S. 10	309 B. 506 F.	22 W. 119 468 E. 138
Katz, E. Clin. Asst.		V. C.	
Kauffmann, J. W. Clin. Asst.		V. C.	
Kaufmann, J. Prof.		P. & S.	52 E. 58
Kavaler, M.		V. C.	687 Fox, Bronx
Kayden, E. M. Ext. T.			Hartley
Keller, Eleanor, Asst. Prof.		435 B.	607 W. 116
Keller, F. R. Instr.	M. Tu. F. 10-11	507 E.	Livingston
Keller, H. R. Ext. T.	M. W. F. 11:30	301 U.	618 W. 114
Kelley, T. L. Asst. Prof. †	(Absent on leave)	229 T.	510 W. 123
Kelly, T. F. Clin. Asst.		V. C.	162 W. 93
Kemp, J. F. Ret. Prof. †			
Kendall, J. Asst. Prof.	(Absent on leave)		
Kendrick, B. B. Asst. Prof. †	M. W. F. 11-12	706 Hm.	205 Puritan ave., Forest Hills
Kennedy, E. T. Instr.	Daily 10-12; 2-6	U.	610 W. 147

Name	Office Hours	Office	Residence
Kennedy, J. T. Instr.		Phar.	30 Church
Kenyon, Mrs. Josephine H. Lect.		T.	57 W. 58
Keppel, F. P. Dean Columbia College †	(Absent on leave)		
Kern, E. F. Asst. Prof. †	Tu. F. 11-12	404 M.	2731 Broadway
Kernan, J. D., Jr. Instr. and Asst. †		P. & S.	156 E. 64
Kessel, L. Instr.		P. & S.	88 Central Park W.
Kester, R. B. Instr. †	Tu. Th. 1:30-2	505 J.	457 W. 123
Keyser, C. J. Prof. †	M. W. F. 10-11	401 E.	Hotel Bonta, Broadway and 94
Kiehl, S. J. Instr. †		700 Hv.	502 W. 122
Kiliani, O. G. T. Prof. †		P. & S.	
Kilpatrick, W. H. Assoc. Prof. †	Tu. 10-11; Th. 3-4	314 T.	106 Morningside Dr.
Kilpatrick, Mrs. W. H. Asst. Social Director	M.-F. 2-5	108 T.	106 Morningside Dr.
Kingsley, R. Instr.		P. & S.	17 E. 38
Kinne, Helen, Prof.	(Absent on leave)	113 H. A.	
Kinsella, R. A. Instr. †	(Absent on leave)	P. & S.	123 E. 62
Kirchwey, Clara B. Tr.		H. M. S.	515 W. 122
Kirchwey, G. W. Ret. Prof. †			53 Underwood Rd., Forest Hills
Kirchwey, Mary F. Tr.		H. M. S.	515 W. 122
Klasky, M. Clin. Asst.		V. C.	
Kluge, R. A. Lieutenant			419 W. 115
Knapp, A. H. Prof. †		P. & S.	10 E. 54
Knapp, C. Prof. †	M. W. 11-12	331 B.	1727 Sedgwick ave.
Knapp, C. W. Instr.		P. & S.	Greenwich, Conn.
Kneip, Helene, Tr.		H. M. S.	106 Morningside Dr.
Knox, Rev. R. C. Chaplain †	M.-F. 3:30-4:30	E. H.	413 W. 117
Kolb, L. Clin. Asst.		V. C.	Ellis Island
Konnerth, R. Lab. Asst.		Phar.	175 E. 91
Koopman, S. B. Ext. T.	Th. F. 9:30-10	503 J.	116 Palisade ave., Leonie, N. J.
Kraft, W. J. Assoc. †	Tu. 1-2	5 T.	201 N. Broadway, Yonkers
Krapp, G. P. Prof. †	Tu. 5; S. 10-11	611 P.	351 W. 114
Kriehn, G. Ext. T.			79 Hamilton Pl.
Krefeld, N. J. Ext. T.		308 E.	74 W. 102
Krutch, J. W. Instr.	W. 1-4	618 Hm.	Livingston
Ladd, W. S. Instr.		P. & S.	
Ladd-Franklin, Mrs. Christine, Lect.			527 W. 110
LaFetra, L. E. Assoc. †		P. & S.	113 E. 61
Lamb, A. R. Assoc. †		P. & S.	171 E. 71
Lambert, A. Prof.	(Absent on leave)	P. & S.	43 E. 72
Lambert, A. V. S. Prof. †		P. & S.	168 E. 71
Lambert, Emily G. Asst. to Bursar of B. C.	M.-F. 9-5; S. 9-12	B.	225 Rich ave., Mt. Vernon
Lambert, R. A. Assoc.		P. & S.	924 Madison ave.

Name	Office Hours	Office	Residence
Lambert, S. W. Prof. and Dean of Med. School †		P. & S.	130 E. 35
Lamond, F. Instr.		T.	16 W. 26
Lamond, H. C. Tr. †		H. M. B. S.	
Lamson, K. W. Instr.	Daily 11-11:30	209 B.	524 W. 123
Langford, Grace, Instr.		232 B.	70 Morningside Dr.
La Porte, G. L. Asst. Prof.		P. & S.	138 E. 80
Larkin, J. H. Asst. Prof. †		P. & S.	498 W. 130
Larson, Bird, Instr.			
Larson, C. W. Asst. Prof. †	(Absent on leave)		
Latham, Azubah J. Asst. Prof.	Tu. 11-11:30; W. 2:10-2:40	213 T.	537 W. 121
Latham, Helen, Instr.		H. M. S.	537 W. 121
Latham, Minor W. Instr.		137 B.	509 W. 121
Latzer, Irma A. Asst.		T.	Whittier
Lawrence, Lillie M. Tr.		H. M. S.	414 W. 120
Lawrence, W. W. Assoc. Prof.	M. W. 11-12	605 P.	618 W. 114
Leahy, S. R. Instr.		P. & S.	King's Co. Hosp'l, Bklyn.
Leavy, I. M. Clin. Asst.		V. C.	
Leber, O. H. Instr.		P. & S.	537 West End ave.
Le Duc, Alma de L. Instr.	W. 10:30-10:50; Th. 9:30-9:50	112 B.	Furnald
Lee, Emma D. Lib'n Appl. Sci. Lib.	M.-F. 9-1	301 E.	435 W. 119
Lee, F. S. Prof. †		P. & S.	125 E. 65
Lefferts, G. M. Emer. Prof.			Katonah
Lellman, W. O. L. Clin. Asst.		V. C.	233 W. 83
Leonard, S. A. Tr. †		L. S.	12 Landscape ave., Yonkers
Leopold, J. S. Asst.		P. & S.	701 Madison ave.
Leshure, J. Instr. †		P. & S.	423 Convent ave.
Lewi, Emily		V. C.	35 Mt. Morris Pk. W.
Lewis, R. Prof. †		P. & S.	48 W. 40
Libman, E. Prof.		P. & S.	180 E. 64
Lieb, C. C. Asst. Prof. †		P. & S.	50 Central Park W.
Liggett, Mrs. N. W. Bursar of B. C.		B.	205 W. 89
Lindsay, S. M. Prof. †	Tu. Th. 3-5	507 K.	501 W. 120
Lingley, R. T. Instr.			390 West End ave.
Link, K. Ext. T.	7:30-9:45	507 J.	15 W. 38
Lockhart, A. I. Tr. †		H. M. S.	22 Beverley Pl., Edgewater, N. J.
Lockwood, D. P. Asst. Prof. †	W. 2:10-3	513 Hm.	404 W. 115
Lockwood, G. R. Prof. †		P. & S.	18 E. 52
Lodge, G. Prof. †	M. W. 4-4:30; Tu. Th. 11-12	228 T.	500 W. 121
Loewi, K. J. Instr.		P. & S.	
Logan, Amy L. Asst. to the Principal		H. M. S.	106 Morningside Dr.

Name	Office Hours	Office	Residence
Loiseaux, L. A. Assoc. Prof. †	M. W. F. 10-11; 1-2	111 B.	519 W. 121
Lombard, C. W. Tr.		H. M. B. S.	Livingston
Long, Shirley V. Ext. T.			523 W. 121
Long, W. B. Assoc.		C. R. L.	140 W. 71
Longscope, W. T. Prof.	(Absent on leave)	P. & S.	174 E. 79
Lord, H. G. Prof. †	M.-F. 10-11	615 Hm.	623 W. 113
Losey, F. D. Ext. T.			227 Riverside Dr.
Lovell, E. B. Prof. †	Tu. 1-2; F. 10-11	405 E.	67 Myrtle ave., Bklyn.
Lovsnes, Marie, Instr.	Th. 3; F. 5	317 T.	434 W. 120
Lowther, Mrs. Florence de L. Instr.	Tu. 11-12	409 B.	404 McDonough, Bklyn.
Lucke, C. E. Prof. †		608 E.	544 W. 142
Luquer, L. McI. Asst. Prof.	M. Tu. Th. F. 1-4	306 S.	Mt. Kisco
Lyle, Bernice W. Lect.	Tu. 11-12	406 B.	419 W. 119
Lyle, H. H. M. Prof.	(Absent on leave)	P. & S.	50 E. 53
Lynch, J. B. Instr.		P. & S.	141 W. 74
Lynnaugh, M. E. Ext. T. and Tr.		H. M. B. S.	66 E. 190
Lyon, E. C., Jr. Instr.		P. & S.	8 E. 54
Lyon, H. Asst. Prof.	M. W. 3-4	* 609 J.	37 Wall
Lyon, J. H. H. Instr.			Milburn, N. J.
McAlpin, K. R. Asst.	(Absent on leave)	P. & S.	125 E. 57
McBain, H. L. Prof. †	Tu. Th. 10	611 K.	456 Riverside Dr.
McBurney, M. Instr.	(Absent on leave)		
McCaffrey, F. S. Clin. Asst.		V. C.	
McCaleb, W. F. Ext. T.			479 Sanford ave., Flushing
McCall, W. A. Instr. †	M. 3-4; S. 11-12	300 T.	506 W. 122
McCarthy, J. F. Asst. Prof.		P. & S.	40 E. 41
McCastline, W. H. Univ. Med. Officer †	Daily 9:30-12	Earl	549 Riverside Dr.
McCastline, Mrs. W. H. Recorder, Dept. of Phys. Ed. of T. C.	Daily 9-12; M.-F. 2-4	161 T.	549 Riverside Dr. Grinnell College, Grinnell, Iowa
McClenon, R. B. Ext. T.			
McCormick, Mary G.	(Absent on leave)		
McCrea, N. G. Prof.	M. Tu. 3-3:30	709 P.	430 W. 119
McCrea, R. C. Prof. †	M. Tu. Th. 11-12; Tu. Th. 1:30-2	508 J.	Boonton, N. J.
McCreery, J. A. Instr.		P. & S.	1024 Park ave.
McFarlane, C. T. Prof. and Controller of T. C. †		122 Macy	500 W. 121
McGiffert, A. C. Prof. in U. T. S. †		U. T. S.	Broadway and 120
McGowan, Mrs. E. B. Instr.	Th. 10-12	404 H. A.	430 W. 118
McGregor, J. H. Assoc. Prof.			
McKee, R. H. Assoc. †	W. Th. 10-11; F. 1-2	305 Hv.	185 Bergen ave., Ridgefield Pk., N. J.
McKendree, C. A. Instr.		P. & S.	129 E. 76

Name	Office Hours	Office	Residence
McLane, Fannie M. Ext. T.	Tu. Th. 3-4	711 J.	229 W. 126
McLean, S. Asst.		P. & S.	776 Madison ave.
McMurry, F. M. Prof. †	M. W. F. 10-11	202 T.	9 Hillside Dr., Yonkers
McMurtrie, D. C. Director, Univ. Printing Office		J.	241 W. 101
McVey, F. Mabel, Tr.		H. M. S.	419 W. 119
McWhorter, J. E. Instr.		P. & S.	Tenafly, N. J.
McWilliams, C. A. Instr.	(Absent on leave)	P. & S.	33 E. 63
MacAlarney, R. E. Assoc. †	M. 7-8 p. m.	501 J.	255 W. 108
MacElwee, R. S. Lect.	M. W. F. 10-11	708 Hin.	44 Morningside Dr.
MacGowan, J. R. Tr.		H. M. S.	565 W. 113
Macgregor, J. S. Instr.	(Absent on leave)		
MacGuire, C. J., Jr. Instr.	(Absent on leave)		
MacKee, G. M. Instr.		P. & S.	58 W. 58
Maclay, J. Prof.	M. Tu. Th. 11	506 J.	7 Tyndall ave.
Macmahon, A. W. Instr. †	(Absent on leave)		1217 Conn. ave., Washington, D. C.
Macomber, Bertha, Secretary to Controller, T. C.	Daily 9-5; S. 9-12	122 Macy	403 W. 115
Macumber, J. L. Clin. Asst.		V. C.	291 De Kalb ave., Bklyn.
Macy, Cornelia P. Recorder		421 L.	430 W. 119
Maddox, W. A. Assoc. Chair- man of Appt. Com. T. C. †	M. Th. F. 3-4; S. 11-12	114 T.	510 W. 123
Malisoff, W. Ext. T.			100 Hart, Bklyn.
Maltby, Margaret E. Assoc. Prof.	M. W. 1-2	204 B.	515 W. 121
Mandelbaum, M. R. Ext. T.			131 Sumner ave., Bklyn.
Mann, Elizabeth, Instr.	M. 1-2	212 H. A.	523 Birck, Richmond Hill
Manning, C. A. Lect.	Th. 2:30-3	406 P.	144 E. 74
Manning, E. B. Ext. T.		703 J.	412 W. 115
Manning, G. R. Instr. †	(Absent on leave)	P. & S.	216 W. 100
Mansfield, W. Prof.		Phar.	36 Hollywood ave., E. Orange, N. J.
Mantz, H. E. Ext. T.	Tu. 3-4; S. 11-12	505 P.	1 W. 100
March, Maud, Instr.	Daily 2:30-3:30	165 Th.	600 W. 114
Marcus, J. K. Asst.			981 Fox
Marquette, W. G. Assoc. Prof. †	W. 11-12	503 S.	Pleasantville
Marshall, Josephine A. Instr.	M. 10:30-11; Tu. 3:30-4; Th. 10-10:30	113 H. A.	501 W. 120
Martin, A. T. Instr.	(Absent on leave)	P. & S.	64 W. 50
Martin, C. J. Instr. †	W. F. 3-4	431 Macy	562 W. 191
Martin, H. W. Tr. †		H. M. B. S.	108 Buckingham Rd., Yonkers
Martin, W. Prof.		P. & S.	151 W. 63
Mason, D. G. Assoc. Prof. †	M. 3:30-4	703 J.	207 W. 55
Mason, F. L. Instr. †	M. W. S. 10	502 E.	1914 Davidson ave.

Name	Office Hours	Office	Residence
Mason, H. H. Instr. †		P. & S.	134 E. 74
Mathews, F. S. Asst. Prof.		P. & S.	62 W. 50
Matthews, B. Prof. †	Tu. Th. 4	604 P.	337 W. 87
Matthews, F. Assoc. Prof.	M.-F. 3-4	501 J.	427 Manor ave., Woodhaven
Mattson, S. E. Ext. T.			926 N. Y. ave., Bklyn.
Mayer, R. E. Assoc. Prof. †	M.-F. 9-11; 1-4 S. 9-11	401 E.	151 Prospect ave., Mt. Vernon
Mead, G. W. Instr. †	M. W. 10-12	610 Hm.	421 W. 121
Mead, Marcia, Lect.		T.	
Mears, E. N. K. Clin. Asst.		V. C.	138 W. 71
Medina, H. R. Assoc. †	M. 8-9 p. m.	408 K.	604 Riverside Dr.
Meeker, C. H. Instr.	Tu. Th. 11	504 H. A.	117 W. 130
Mehan, Mrs. J. D. Instr.		T.	Carnegie Hall
Meister, M. Asst.		T.	344 E. 6
Méras, A. A. Asst. Prof. †	(Absent on leave)	T.	9 Elmhurst ave., Elmhurst
Mercado, Julio, Ext. T.			4090 Ferriss, Woodhaven
Merner, C. J. Instr.	(Absent on leave)		
Mersereau, W. J. Asst. †		P. & S.	294 W. 92
Merritt, A. H. Prof.			59 W. 46
Messer, W. S. Instr. †	Tu. 10-11	340 B.	434 W. 120
Metcalf, T. N. Assoc. †		U. Gym.	104 W. 174
Meyer, Anna E. H.	M.-F. 10-12; 2-4; S. 10-12	134 B.	15 Cedar Pl., Yonkers
Registrar of B. C.			
Meylan, G. L. Prof. †	(Absent on leave)		
Michaelis, A. Instr.		P. & S.	5 W. 91
Milleg, A. Clin. Asst.		V. C.	251 E. 86
Miller, C. Ext. T.	M.-F. 4-4:30	509 J.	425 W. 124
Miller, D. S. Prof.			4 Lorillard Hall, Chelsea Sq.
Miller, E. G., Jr. Assoc.		P. & S.	27 W. 61
Miller, H. R. Instr. and Asst.		P. & S.	150 W. 80
Miller, I. Clin. Asst.		V. C.	901 E. 172
Miller, J. A. Prof. †	(Absent on leave)	P. & S.	379 Park ave.
Miller, R. F. Acting Asst.			
Lib'n †	M.-F. 9-5; S. 9-12	102 L.	Kew Gardens
Miller, S. O. Asst. Prof.		306 E.	W. Nyack
Minsk, L. D. Clin. Asst.		V. C.	
Mislig, M. Clin. Asst.		V. C.	155 E. 80
Mitchell, G. J. Asst. †	M. W. 1:10-1:30	103 S.	401 W. 118
Mitchell, H. B. Prof.	Tu. Th. 11-11:30	304 Hm.	80 Washington Sq.
Mitchell, W. C. Prof. †	M. W. 3:30-4	512 K.	15 Washington Sq.
Mohr, W. R. Chief Clerk	M.-F. 9-5; S. 9-12	213 L.	205 W. 89
Monroe, Day, Instr.	Tu. 2:30-3	212 H. A.	414 W. 121
Monroe, P. Prof., Dir. of Sch. of Educ.	M. Tu. Th. 9-4	107 T.	44 Prospect Dr., Yonkers
Montague, W. P. Assoc. Prof. †	M. W. 11-11:30 W. 2:30-4	37 B. 707 P.	2880 Broadway



Name	Office Hours	Office	Residence
Montgomery, R. H. Asst. Prof.	Th. 7-7:30 p. m.	505 J.	525 West End ave.
Mook, C. C. Instr. †	M. 10-12; 1-2	216 B.	Palisade, N. J.
Moon, P. T. Instr.	F. 1:30-2:30	712 Hm.	430 W. 118
Moore, A. P. Ext. T.			135 Franklin, Astoria
Moore, Annie E. Instr.	M. F. 2-3	202 T.	414 W. 121
Moore, F. G. Prof. †	M. 11-12; Th. 10-11	504 Hm.	15 Claremont ave.
Moore, H. L. Prof.			
Moore, J. B. Prof. †	M. Tu. 2-3	305 L.	267 W. 73
Moore, U. Prof. †	Daily 9-11	408 K.	Winthrop Pl., Englewood, N. J.
Moral, J. D. Asst.		P. & S.	
Morecroft, J. H. Assoc. Prof. †			Palisade, N. J.
Morgan, J. L. R. Prof. †	Daily 9-10	411 Hv.	350 W. 55
Morgan, O. S. Prof. †	Th. F. S. 11-12	511 S.	400 Convent ave.
Morgan, T. H. Prof.			
Morgan, W. T. Instr. †	F. 8:30-9; 2-4:30	211 Hm.	2226 Loring Pl.
Morris, D. H. Instr. and Asst.		P. & S.	161 W. 87
Morris, F. K. Instr.	Daily 9-11; Th. 2-5	403 S.	547 W. 123
Morse, H. N. Asst. †		317 T.	156 Fifth ave.
Morse, L. B. Instr. †	Tu. Th. S. 10	410 F.	206 Christie Hghts., Leonia, N. J.
Morton, Rosalie S. Clin. Asst.		V. C.	701 Madison ave.
Moschocowitz, A. V. Prof.		P. & S.	925 Madison ave.
Moses, A. J. Prof.			
Moss, Helen J. Lib'n H. M. S.		H. M. S.	449 W. 123
Moss, L. D. Asst. Prof.	(Absent on leave)		
Mossman, Mrs. L. C. Instr.		T.	Park ave., Leonia, N. J.
Mudge, Isadore G. Ref. Lib'n	Daily 9:30-5:30	L.	420 W. 118
Muller, Bertha E., Tr.		H. M. S.	423 W. 120
Muller, H. F. Asst. Prof.	(Absent on leave)		
Mullins, G. W. Instr.	M. W. F. 9-10	209 B.	418 W. 118
Munro, H. F. Lect. †	M. Tu. W. 10-11	513 K.	420 W. 118
Munroe, H. S. Emer. Prof. †			Litchfield, Conn.
Mussey, H. R. Assoc. Prof. †	M. W. 2:10-2:40	509 K.	
	Tu. F. 9:35-10	308 B.	Croton-on-Hudson
Muzzey, D. S. Assoc. Prof. †	Tu. Th. 11-12	336 B.	492 Van Cortlandt Pk. ave., Yonkers
Nagle, W. J. Tr.	(Absent on leave)	H. M. B. S.	
Neergaard, A. E. Instr.		P. & S.	617 West End ave.
Neff, E. E. Instr.	M. 10-11	618 Hm.	520 W. 122
Neish, A. C. Asst. Prof. †	Daily 10-11	610 Hv.	130 Claremont ave.
Neitz, J. D. Tr. †		H. M. B. S.	527 W. 124
Nelson, C. A. Ret. Asst. Lib'n †			505 W. 142
Nelson, J. M. Asst. Prof. †		409 Hv.	620 W. 122
Nettleton, Bertha E. Asst.		T.	Whittier
Neubauer, C. M. Ext. T.			55 Liberty
Neuhof, H. Instr.	(Absent on leave)	P. & S.	157 E. 81
Neuwelt, L.		V. C.	2924 Seventh ave.

Name	Office Hours	Office	Residence
Newman, Minnie M. Tr.		H. M. S.	106 Morningside Dr.
Nichols, C. L. Clin. Asst.		V. C.	232a Putnam ave., Bklyn.
Noonan, Margaret E. Instr.	M. W. 1-2	321 T.	501 W. 120
Northrup, Belle. Instr.	Tu. 2:30-3:30	507 H. A.	434 W. 120
Norrie, V. H. Prof.		P. & S.	92 Park ave.
Norris, H. L. Supt. of B. & G.		110 L.	Livingston
Norton, N. R. Instr. †		P. & S.	113 E. 70
Nutting, Mary A. Prof.	M. 11-12; Tu. 10-12; 4-5; Th. 10-12	109 H. A.	501 W. 120
Oastler, F. R. Prof. †		P. & S.	126 W. 59
Odell, G. C. D. Prof.	M. W. 3	604 Hm.	44 W. 44
Ogilvie, H. S. Instr.		P. & S.	
Ogilvie, Ida H. Assoc. Prof.	Tu. Th. 10	214 B.	490 Riverside Dr.
Olinger, H. C. Ext. T.			
Oppenheim, S. Acting Lib'n.			
Coll. Study	M.-F. 9-12; 1-5	Hm.	520 W. 122
Oppenheimer, B. S. Asst. Prof.	(Absent on leave)	P. & S.	125 W. 86
Osborn, H. F. Prof. †		1 W. 78	850 Madison ave.
Osgood, C. Instr.		P. & S.	58 Central Park W.
Osgood, H. L. Prof. †		603 K.	526 W. 150
Osnato, M. Instr.		P. & S.	270 W. 89
Otenberg, R. Instr.		P. & S.	15 W. 89
Owen, R. B. Instr. †	Tu. Th. 11	614 Hm.	709 W. 169
Pace, H. St. C. Prof.		Phar.	42 Monroe Pl., Bklyn.
Packard, C. Instr. †	F. S. 10-12	605 S.	Pleasantville
Painter, H. M. Prof. †		P. & S.	62 W. 55
Palmer, W. W. Assoc. Prof.		P. & S.	
Panuska, F. C. Instr.	Daily 1-2	327 Macy	428 E. 77
Pappenheimer, A. M. Asst. Prof.	(Absent on leave)	P. & S.	Hartsdale
Parker, Linette A. Lect.		T.	509 W. 121
Parkhurst, Helen H. Asst.	Tu. Th. 11-12	37 B.	59 Charles
Parkinson, T. I. Prof. †		510 K.	423 W. 120
Parr, H. L. Asst. Prof. †			35 Gilbert Pl., Yonkers
Parsons, W. B., Jr. Instr.	(Absent on leave)	P. & S.	35 E. 50
Pascale, V. Clin. Asst.		V. C.	19 King
Patchin, Mary A. Dir. Religious and Philanthropic Work in B. C.			
Paton, S. Lect.		P. & S.	
Patrick, Sara L. Instr.	Tu. Th. 2:30-3	119 Macy	420 W. 119
Patterson, F. A. Asst. Prof. and Asst. to Dir. S. S. and Ext. T. †	Daily 11-12	301 U.	Morsemere, N. J.
Patterson, Mrs. F. T. Ext. T.	W. 2-3; F. 8-9	201 E.	434 W. 120
Patterson, H. S. Asst. Prof. †		P. & S.	130 E. 62
Patterson, W. M. Instr. †	W. 10-12	606 Hm.	610 W. 116
Patton, Julia C. Instr.	M. 1-2; Th. 11-12	322 T.	417 W. 120
Peabody, J. E. Lect. †		T.	Morris High School
Peabody, Mary G. Tr.		H. M. S.	400 W. 118
Peacock, Mary H. Instr.	M. 1-2	212 H. A.	450 Riverside Dr.

Name	Office Hours	Office	Residence
Pearson, H. C.	M. Tu. Th. 2-3;		
Prin. H. M. School †	W. 8:45-10	H. M. S.	501 W. 120
Peck, C. H. Prof. †	(Absent on leave)	P. & S.	30 W. 50
Peck, Florence E. Regis. of T. C.	M.-F. 9-4:30; S. 9-12	104 T.	420 W. 119
Peck, W. E. Ext. T.	W. 4:30-5:30	711 J.	26 Coligni ave., New Rochelle
Peebles, W. C. Tr. †		H. M. B. S.	3064 Albany Cres- cent, Kingsbridge
Peele, R. Prof.	Tu. 10-11; Th. 10-12	405 M.	490 West End ave.
Peeso, F. A. Prof. †			542 Fifth ave.
Pegram, G. B. Prof. and Acting Dean Fac. App'd. Sci. †		401 E.	Livingston ave. and 245, Riverdale
Perkins, Mrs. F. M. Tr.		406 F.	45 Hamilton Terr.
Perrier, J. L. Lect.	Tu. Th. 10-11	112 B.	325 W. 36
Perry, E. D. Prof. †	Tu. W. F. 3-3:30	708 P.	542 W. 114
Peterson, A. Ext. T.		Gym.	459 W. 123
Phelps, Alice E. Tr.		H. M. S.	336 Undercliff ave., Edgewater, N. J.
Phelps, G. M. Asst. †	(Absent on leave)	P. & S.	155 E. 79
Pickhardt, O. C. Instr.		P. & S.	70 E. 77
Pike, F. H. Assoc. Prof. †		P. & S.	Tenafly, N. J.
Pike, Katherine, Asst.		T.	419 W. 119
Pitkin, W. B. Assoc. Prof. †		406 J.	46 Leighton ave., Yonkers
Poffenberger, A. T., Jr. Instr. †		409 S.	405 W. 118
Pomeroy, C. H. Bursar of T. C. †	M.-F. 9-4:30; S. 9-12	102 T.	430 W. 119
Pond, D. C. Ext. T.			180 Whiton, Jersey City, N. J.
Pool, E. H. Prof. †	(Absent on leave)	P. & S.	107 E. 60
Poor, C. L. Prof.			
Potter, H. W. Clin. Asst.		V. C.	
Potter, N. B. Prof. †	(Absent on leave)	P. & S.	
Powell, T. R. Assoc. Prof.	M. W. 2-3	511 K.	567 W. 113
Pratt, E. L. Instr.		P. & S.	53 W. 56
Pratt, Isabelle L. Recorder T. C.	Daily 10-12; 3-4	114 T.	249 W. 104
Pratt, Marion R. Sec. H. M. S.		H. M. S.	249 W. 104
Prenez, Blanche, Lect. and Sec. Maison Française	M. 11	111 B.	609 W. 127
Prescott, Harriet B. Supt. in Lib.		205 L.	36 Gramercy Park
Prettyman, V. Prin. H. M. S. for Boys †	M. Tu. W. 9:30-10	H. M. B. S.	W. 246
Prime, F. Assoc. †		C. R. L.	131 E. 66
Prince, Ethel A. Asst.	W. 3-4	419 B.	260 Valentine Lane, Yonkers
Prince, J. D. Prof. †	M. 11-12; W. 2-3	406 P.	Ringwood Manor, N. J.
Proben, C. I. Instr. †	(Absent on leave)	P. & S.	160 E. 71
Prudden, T. M. Emer. Prof.			160 W. 59
Puckett, H. W. Lect. †	M. W. F. 2-2:15	114 B.	198 Hillside ave., Leonía, N. J.

Name	Office Hours	Office	Residence
Pupin, M. I. Prof.			1 W. 72
Putnam, Mrs. G. H. Assoc.		335 B.	335 W. 86
Rafsky, H. A. Clin. Asst.		V. C.	200 W. 114
Ramsdell, E. G. Instr.	(Absent on leave)	P. & S.	White Plains
Randel, Lillian, Lib'n.		H. M. B. S.	126 E. 83
Rankin, Mary E. Instr.	F. 2-2:30	112 T.	501 W. 120
Rautenstrauch, W. Prof. †	M. Tu. by appointment	509 E.	Palisade, N. J.
Raymond, R. M. Prof. †		407 M.	360 Riverside Dr.
Raynor, Nina F. Tr.		H. M. S.	421 W. 118
Redfield, H. S. Ret. Prof. †			1925 Seventh ave.
Reed, J. H. Clin. Asst.		V. C.	
Rehberman, J. F. Clin. Asst.		V. C.	
Reigrod, C. Clin. Asst.		V. C.	670 E. 170
Reiley, Katharine C. Asst. Prof.	M.-F. 2:30-4	301 U.	330 W. 95
Reimer, Marie, Assoc. Prof.	Tu. 10-12	440 B.	604 W. 112
Reisner, E. H. Lect. †	M. W. F. 10	T.	531 W. 124
Remer, J. Clin. Asst.		V. C.	58 W. 58
Remy, F. J. Clin. Asst.		V. C.	253 W. 58
Remy, A. F. J. Assoc. Prof. †	M. W. 5-6 p. m.	511 P.	19 W. 95
Reque, P. A. Clin. Asst.		V. C.	
Reuben, M. S. Asst.		P. & S.	316 W. 94
Rhett, W. M. Clin. Asst.	(Absent on leave)	V. C.	57 W. 58
Richards, H. M. Prof. †	M. F. 11-12	316 B.	411 W. 114
Richards, Mrs. H. M. Lect.	W. 9-12	317 B.	411 W. 114
Richardson, C. H. Asst.		P. & S.	1400 University ave.
Richardson, Edith C. Chief Clerk Secretary's Office, T. C.	M.-F. 9-5; S. 9-12	106 T.	509 W. 121
Riley, H. A. Instr.	(Absent on leave)	P. & S.	131 E. 67
Ritt, J. F. Asst.		215 Hm.	1571-51st, Bklyn.
Robbins, Ida E. Tr.		H. M. S.	435 W. 119
Robert, A. L. Lib'n of Med. Sch.	Daily 9-5	P. & S.	438 W. 57
Robert, Mme. M. L. Tr.		H. M. S.	1105 Amsterdam ave.
Roberts, S. H. Ext. T.			1250-73rd, Bklyn.
Robinson, E. Dir. Met. Mus. Art. †		Met. Mus. Art	84 Irving Pl.
Robinson, Ethel M. Tr.		H. M. S.	131 E. 15
Robinson, L. B. Clin. Asst.		V. C.	114 E. 84
Robinson, J. H. Prof. †	Tu. 4-5 W. 3-4	338 B.	
Robinson, L. R. Ext. T.		601 K.	924 West End ave. 79 Carnegie ave., East Orange, N. J.
Rockwell, Bertha L. Lib'n B. C.			322 E. 197
Rockwell, W. W. Asst. Prof. in U. T. S. †		U. T. S.	Broadway and 120
Roff, A. W. Clin. Asst.		V. C.	68 W. 92
Rogers, Agnes L. Lect.		T.	419 W. 119
Rogers, O. H. Lect.		P. & S.	346 Broadway
Rogers, R. W. Ext. T.			Madison, N. J.
Rohdenburg, G. L. Assoc.		C. R. L.	222 W. 136

Name	Office Hours	Office	Residence
Rohr, Florence M. Asst.		H. M. S.	416 W. 122
Rohr, Mamie E. Asst.		H. M. S.	416 W. 122
Rohrbach, J. F. D. Ext. T.			366 Ogden ave., Jersey City
Romer, H. Dorothy, Ext. T.			22 Morris ave., Ossining
Rose, A. M. L. P. Ext. T.			399 Upper Mountain ave., Upper Mont- clair, N. J.
Rose, Mrs. M. S. Asst. Prof.	M. W. 3	415 H. A.	533 W. 124
Rosen, I. Instr.		P. & S.	330 Park ave.
Rosenbluth, M. Clin. Asst.		V. C.	
Rosenheck, C. Instr. †		P. & S.	247 W. 135
Roth, Suzanne, Tr.		L. S.	336 E. 67
Rudolph, Adelaide, Asst. Lib'n		Phar.	417 W. 120
Ruger, H. A. Asst. Prof. †	M. W. F. 8:30-9; F. 11-12	338 T.	854 W. 181
Ruhl, Alma G. Asst.	Tu. Th. 1-2	338 B.	34 Winthrop ave., New Rochelle
Rusby, H. H. Prof. and Dean Coll. Phar. †		Phar.	776 De Graw ave., Newark
Rusk, Hester M. Asst.	M. 11-12; 3-4; F. 11-12	312a B.	1478 Bedford ave., Bklyn.
Russell, G. O. Ext. T.	M. 1-4; F. 10-12; S. 1-6	500 P.	620 W. 122
Russell, J. E. Prof. and Dean of T. C. †	M.-F. 11-12 (Absent on leave)	105 T.	500 W. 121
Russell, J. I. Instr.		P. & S.	37 E. 61
Rutledge, J. C. Tr.		H. M. B. S.	535 W. 135
Ruyl, J. P. Asst. Prof. †			40 E. 41
Rybner, C. Prof. †	Th. 10-11	701 J.	316 W. 94
Sachs, J. Emer. Prof. †		T.	225 W. 86
Sagal, Z. Asst. †		P. & S.	924 Prospect ave.
Sailer, T. H. P. Assoc. †	Tu. 10-11; 1-3; Th. 1-2	351 Th.	Englewood, N. J.
Sait, E. M. Asst. Prof. †	M. W. 1-2; S. 10-11	711 Hm.	Oradell, N. J.
Sammis, J. F. Instr.		P. & S.	272 W. 90
Sanford, Laura, Sec. Dept. Phys. Ed. T. C.	Daily 9-5	157 Th.	90 Morningside Dr.
Satenstein, D. L. Clin. Asst.		V. C.	220 W. 42
Saunders, T. L. Asst. Prof. †		P. & S.	45 W. 50
Saville, M. H. Prof. †		1 W. 78	292 W. 92
Scarborough, Dorothy, Ext. T.	Tu. Th. 4:30-5:30	711 J.	417 W. 120
Scattergood, C. E. Lect. †	W. 6:20-6:50	609 J.	644 Riverside Dr.
Schaefer, H. H. Instr.		Phar.	801a Willoughby ave., Bklyn.
Schapiro, J. S. Ext. T.			510 W. 124
Scheer, M. Clin. Asst.		V. C.	901 Fox
Schlauch, W. S. Asst.		T.	Hasbrouck Hgts., N. J.
Schloss, O. M. Asst.		P. & S.	172 W. 79

Name	Office Hours	Office	Residence
Schneider, H. W. Instr.	M. T. W. Th. 1-5	705 P.	417 W. 120
Schnepel, G. A. Clin. Asst.		V. C.	238 W. 106
Schoenberg, M. J. Instr.		P. & S.	103 E. 81
Scholz, F. W. Instr. †	M.-F. 2-3; 4-4:30	405 Hm.	221 McLean ave., Yonkers
Schorling, R. Tr.		L. S.	414 W. 121
Schrader, F. Asst.		606 S.	Livingston
Schreiner, Col. E. R. Lect.			
Schroeder, F. C. Asst.	M. Th. 1:30-3	505 F.	390 Wadsworth ave.
Schulman, M. Instr.		P. & S.	1845 Seventh ave.
Schulz, P. Ext. T.			506 W. 143
Schulze, H. H. L. Asst. Prof. †	W. 10-11	409 Hm.	43 Ridge Dr., Yonkers
	Th. 11-12	608 J.	
Schuyler, R. L. Asst. Prof. †	M. W. 11-12	718 Hm.	860 Riverside Dr.
Schwarzmann, S. Clin. Asst.		V. C.	
Schwerdtfeger, O. M. Instr.		P. & S.	54 E. 58
Scott, E. L. Assoc. †		P. & S.	26 Grove, Bogota, N. J.
Seager, H. R. Prof. †	(Absent on leave)		
Seaman, Emily C. Instr.	(Absent on leave)	T.	
Seligman, E. R. A. Prof. †	M. W. 2-3	512 K.	324 W. 86
Severinghaus, W. L. Instr.	M.-F. 1-4	206 F.	417 W. 120
Seward, H. F. Ext. T.		511 J.	7 Inwood Pl., Maplewood, N. J.
Shaffer, Blanche E. Asst.		T.	416 W. 122
Shapleigh, Bertha E. Instr.	Tu. 1-2	211 H. A.	508 W. 122
Sharp, J. C. Assoc.		P. & S.	436-9th, Bklyn.
Sharpe, N. Clin. Asst.		V. C.	315 W. 97
Shear, T. L. Assoc. †	(Absent on leave)		468 Riverside Dr.
Shearer, L. H. Instr. †		P. & S.	445 Park ave.
Shenton, H. N. Instr.	Tu. Th. 11-12; F. 1-2	503 K.	Livingston
Shepherd, W. R. Prof. †	W. 3-5	612 K.	468 Riverside Dr.
Sherman, H. C. Prof. †	(Absent on leave)		Hastings
Shields, J. S. Clin. Asst.		V. C.	
Shotwell, J. T. Prof. †	(Absent on leave)		536 W. 113
Siceloff, L. P. Asst. Prof. †	Daily 11-12	212 Hm.	106 Morningside Dr.
Silver, L. M. Asst. †		P. & S.	103 W. 72
Simpson, W. B. Clerk Coll.			44 Morton Pl., E. Orange, N. J.
Phar. †	Daily 9-5	Phar.	796 Eastern Pkwy., Bklyn.
Sinshiner, A. Ext. T.			
Sleffel, C. C. Asst. Prof.	(Absent on leave)	207 E.	207 W. 100
Slichter, W. I. Prof. †	Tu. W. Th. 10-11	504 E.	450 Riverside Dr.
Sloane, W. M. Ret. Prof.			163 E. 74
Slosson, E. E. Assoc. †		607 J.	530 W. 123
Smernoff, A. A. Clin. Asst.		V. C.	601 W. 177
Smith, A. Prof. †	M. W. F. 10-12; Tu. Th. 10-11	302 Hv.	430 W. 116
Smith, C. H. Assoc.		P. & S.	253 W. 75
Smith, D. E. Prof. †	Tu. 10; W. 2:30	212 T.	501 W. 120

Name	Office Hours	Office	Residence
Smith, Emma P. Adviser to Women Grad. Students	M. W. F. 3-5; Tu. Th. 10-12	301 P. V. C.	Brooks 219 Audubon ave. 97 Vista Pl., Mt. Vernon
Smith, G. T. Clin. Asst.			
Smith, L. B. Ext. T.			
Smith, Lucia H. Lect.			
Smith, M. D. Instr.	(Absent on leave)	P. & S.	43 E. 25
Smith, M. K. Instr.		P. & S.	50 E. 33 Livingston
Smith, R. G. Ext. T.			
Smith, M. M. Tr.		H. M. B. S.	Livingston
Smith, T. A. Instr.	(Absent on leave)	P. & S.	
Smith, Y. B. Asst. Prof. †	M. W. F. 10-11	406 K.	620 W. 122
Snedden, D. Prof. †	Daily 2-3	219 T.	48 Prospect Dr., Yonkers
Snyder, R. G. Instr.		P. & S.	375 Park ave.
Sonnenschien, H. D. Clin. Asst.		V. C.	1348 Lexington ave.
Southall, J. P. C. Assoc. Prof. †		508 F.	106 Morningside Dr.
Southard, Lydia, Instr.		Whittier	Whittier
Spiers, A. G. H. Assoc. Prof.	M. W. 11-12; 1-2	306 Hm.	620 W. 122
Spohn, Adelaide, Research Asst.		P. & S.	
Spohr, Wilhelmina, Asst. Prof.	M. 9-10; Th. 10-11	114 H. A.	501 W. 120
Squier, J. B. Prof.	(Absent on leave)	P. & S.	49 E. 49
St. John, F. B. Instr.	(Absent on leave)		
Stackpole, Caroline E. Instr.	M. 1-2; Th. 4-5	422 T.	523 W. 121
Stadtmuller, N. Prof.		P. & S.	132 E. 60 5 W. 54
Starr, M. A. Emer. Prof.		H. M. S.	540 W. 114
Steele, Roxanna A. Tr.			
Steeves, H. R. Asst. Prof. †	W. 10-11	608 Hm.	596 Riverside Dr.
Steinberg, R. A. Asst.		500 S.	500 W. 124
Steinke, F. Clin. Asst.		V. C.	
Stempel, W. M. Ext. T.			234 Underhill ave., Bklyn.
Stern, L. Clin. Asst.		V. C.	116 W. 45
Stern, M. Instr. †		P. & S.	219 W. 81
Stetson, S. Instr. †	M. W. F. 10-12; M. F. 4-5	T.	511 W. 113
Stetson, D. D. Clin. Asst.		V. C.	1029 Ogden ave.
Stetten, D. Instr. †		P. & S.	115 W. 87
Stevenson, H. N. Asst.		C. R. L.	
Stevens, Romiett, Asst. Prof.	M. 11; W. F. 3	227 T.	130 Claremont ave.
Stewart, Isabel M. Asst. Prof.	M. W. 2-3; Tu. Th. 10-11	110 H. A.	49 Claremont ave. 444 Classon ave.
Stickland, Georgina, Ext. T.			
Stiles, Dorothy, Instr.			
Stockder, A. H. Ext. T.	M. W. 2-4	504 J.	Hartley
Stone, C. G., Jr. Asst.	W. 1-2	603 F.	273 Rich ave., Mt. Vernon
Stone, Cornelia H. Instr.	M. 1-2	212 H. A.	450 Riverside Dr.
Stone, H. F. Prof. and Dean Law School †	M. W. Th. 11; Tu. 10; F. 12:20	404 K.	Chestnut, Engle- wood, N. J.
Stout, A. P. Instr. †		P. & S.	150 E. 72

Name	Office Hours	Office	Residence
Stowell, E. C. Assoc. Prof. †	W. 11-12; Th. 9-10	513 K.	435 Riverside Dr.
Stowell, E. S. Instr. †		T.	Briarcliff Manor
Strawinski, W. E. Tr. †		H. M. B. S.	167 W. 231
Strayer, G. D. Prof. †	Tu. Th. 10; W. 3	218 T.	W. 246, Riverdale
Strong, A. M. Instr.		P. & S.	251 W. 89
Strong, O. S. Asst. Prof.		P. & S.	Livingston
Stuart, Florence, Tr.		H. M. S.	Plainfield, N. J.
Sturtevant, Ethel, Instr.	Tu. Th. 11-12	136 B.	620 W. 116
Sturtevant, E. H. Asst. Prof. †	M. 10:30-11	510 Hm.	21 Sterling Pl., Edgewater, N. J.
Surette, T. W. Advisor in Mus. The Lincoln Sch.		L. S.	21 Lexington Rd., Concord, Mass.
Swann, H. J. Ext. T.			109 Gates ave., Bklyn.
Swenson, J. A. Ext. T.			Wadleigh High School
Swift, S. Instr.		P. & S.	447 W. 59
Szlenker, J. J. Lect.	F. 4-5	406 P.	
Tallman, Lavinia, Instr.	Tu. Th. 3-4; W. F. 9:30-10:30	351 Th.	501 W. 120
Tannahill, Sallie B. Instr.	Tu. 4-5	430 Macy	420 W. 116
Tassin, A. DeV. Asst. Prof.	F. 11-12	611 Hm.	16 Gramercy Park
Taylor, C. K. Tr.		L. S.	646 Park ave.
Taylor, F. Instr.	(Absent on leave)	P. & S.	447 W. 59
Taylor, H. C. Prof. †		P. & S.	32 W. 50
Taylor, R. Instr.	(Absent on leave)		
Tenney, A. A. Asst. Prof. †	W. 4	506 K.	400 W. 118
Terry, A. H., Jr. Instr.		P. & S.	411 Convent ave.
Terry, B. T. Instr. †		P. & S.	1934 Bedford ave., Bklyn.
Terry, C. T. Prof. †	Daily 5:30-6:30	411 K.	59 E. 80
Thacher, H. C. Assoc. †	(Absent on leave)	P. & S.	20 W. 50
Thacher, J. S. Prof. †		P. & S.	20 W. 50
Thatcher, E. Instr. †		T.	239 E. 19
Thomas, A. W. Instr.	(Absent on leave)		
Thomas, C. Prof. †	W. F. 10-11	513 P.	490 Riverside Dr.
Thomas, C. P. Asst.		P. & S.	Presbyterian Hosp'l
Thomas, C. W. Asst. Prof. †	(Absent on leave)		Bliss ave., Tenafly, N. J.
Thomas, J. F. Ext. T.			105 E. 22
Thorndike, A. H. Prof. †	M. W. 3:10-4	614 P.	4643 Waldo ave.
Thorndike, E. L. Prof. †	M. W. 10-11; 3-4	329 T.	501 W. 120
Thurston, E. D., Jr. Asst. Prof. †	(Absent on leave)	606 E.	521 W. 112
Tierney, M. J.		V. C.	The Aphorp, B'way and 78
Tilney, F. Prof.		P. & S.	45 E. 63
Tobey, Mrs. E. S. Instr.	Tu. Th. 5-6	302 H. A.	195 Claremont ave.
Todd, H. A. Prof. †	Tu. Th. 5; S. 10:15	501 P.	824 West End ave.
Tonks, L. Asst.			
Torres, A. Ext. T.			435 W. 123
Tower, R. W. Curator			New Rochelle



Name	Office Hours	Office	Residence
Trabue, M. R. Asst. Prof. †	(Absent on leave)		
Tracy, W. D. Clin. Asst.		V. C.	46 W. 51
Trent, W. P. Prof. †	Tu. 12:30-1	608 P.	139 W. 78
Trowbridge, C. C. Asst. Prof.	Tu.-S. 10-12	513 F.	434 Riverside Dr.
Truesdell, H. W. Asst.		504 F.	118 W. 11
Tsen, E. T. Instr.		P. & S.	318 W. 57
Tucker, B. W. Ext. T.			120 Broadway
Tucker S. A. Asst. Prof.	(Absent on leave)		
Tucker, S. M. Prof.			23 Fifth ave.
Tuttle, G. A. Asst. Prof.		P. & S.	49 W. 49
Tuttle, Margaret E. Asst.		T.	2940 Broadway
Tyson, Levering, Sec. Alum. Fed. †			
Tyson, Rev. S. L. Assoc.	Th. 1:45-2:10	311 East	100 Morningside Dr.
Ulrey, C. Ext. T.		109 B.	Princeton, N. J.
Underhill, B. B. Lect. †		603 F.	Livingston
Unger, J. S. Clin. Asst.		T.	256 Church
Unnewehr, E. C. Asst.		V. C.	17 E. 126
Upjohn, C. B. Instr. †	Daily 1-4	206 F.	417 W. 120
Upton, C. B. Assoc. Prof. and Sec. of T. C. †	Daily 9-5	T.	3100 Broadway
Upton, Mrs. C. B. Tr.		106 T.	500 W. 121
Vaeth, J. A. Ext. T.		H. M. S.	500 W. 121
Van Arsdale, May B. Assoc. Prof.			N. Y. University
Van Buren, F. T. Instr. †	M. Tu. W. Th. 3-4 (Absent on leave)	209 H. A.	450 Riverside Dr.
van der Bent, T. J. Lect.		P. & S.	812 Park ave.
Vanderbilt, Sadie B. Instr.	W. 10-11	T.	101 Park ave.
Vanderburgh, Rev. F. A. Lect.	M. 11	413 H. A.	509 W. 121
Van Doren, C. Assoc. †	M. 11	406 P.	53 Washington Sq
Van Etten, R. C. Clin. Asst.	Th. 5-5:30	613 P.	351 W. 114
Van Hook, L. R. Assoc. Prof. †	Tu. Th. 3	V. C.	106 E. 60
Van Kleeck, E. Lect. and Asst. Physician T. C.		340 B.	403 W. 115
Van Metre, T. W. Asst. Prof. †	M.-F. 8:30-10:30	161 Th.	4 W. 123
Van Natta, H.	Tu. Th. 9-10; F. 2-3	506 J.	170 Vermilyea ave.
Van Sant, J. T. Tr.		V. C.	Bayonne, N. J.
Van Woert, F. T. Prof.		H.M.B.S.	609 W. 127
			184 Joralemon, Bklyn.
Van Zandt, Margaret, Ret. Asst. Lib'n			
Vaughan, H. S. Clin. Asst.		V. C.	471 Park ave.
Vaughan, J. C. Instr.		P. & S.	156 E. 79
Veazie, W. Ext. T.			1230 Amsterdam ave.
Vexler, F. Asst. and Lib'n Sch. Philos.			
Vietor, J. A. Instr. and Asst. †		P. & S.	161 E. 79
Vogel, K. M. Asst. Prof.		P. & S.	680 Madison ave.
von Hofe, Jr., G. D. Asst.		413 T.	525 W. 120
Voorhees, J. D. Assoc. Prof.		P. & S.	106 E. 60

Name	Office Hours	Office	Residence
Vosburgh, A. S. Instr. †	(Absent on leave)	P. & S.	85 E. 56
Vuilleumier, J. A. V. Clin. Asst.		V. C.	58 E. 58
Vulté, H. T. Asst. Prof. †	Tu. Th. 9:30-10	413 H. A.	33 Park ave., New Rochelle
Wachsmann, S. Prof.		P. & S.	210 Gun Hill Rd.
Wadeldon, Helen C. Recorder		421 L.	414 W. 119
Wald, Lillian D. Lect.		T.	265 Henry
Wales, H. Ext. T.			538 W. 114
Walker, A. L. Prof. †	W. F. 1-2	512 M.	33 E. 77
Walker, I. S. Ext. T.			1208 Harrison, Frankford, Pa.
Walker, J. B. Prof. †	(Absent on leave)	P. & S.	51 E. 50
Waller, Alice P. N. Asst.			
Walsh, H. V. Ext. T.			602 So. Broadway, Yonkers
Ward, F. E. Assoc. †	F. 3-4	703 J.	430 W. 118
Ward, P. T. Ext. T.			310 W. 95
Ward, W. Asst. Prof.		P. & S.	24 W. 50
Ware, A. Assoc.			1 W. 94
Warner, L. A. Asst. Prof. †	(Absent on leave)	505 H. A.	Sagamore Rd., Bronxville
Warren, C. P. Asst. Prof. †	M. F. 10-11	409 A.	Woodcliffe Lake, New Jersey
Washburn, Martha L. Asst.	M. W. F. 9-12	609 Hv.	70 Morningside Dr.
Washton, J. Clin. Asst.		V. C.	953 Simpson
Waugh, L. M. Prof.			576 Fifth ave.
Weaver, R. M. Instr.	M. 10-11	618 Hm.	Hartley
Webb, H. W. Asst. Prof.	(Absent on leave)		
Wechsler, I. S. Instr.		P. & S.	
Weeks, Mabel F. Assoc.	Th. 11-12	138 B.	Brooks
Weeks, R. Prof.	(Absent on leave)		
Weeman, G. Instr. †	Daily 9:30-6	U.	465 W. 159
Weick, C. W. Asst. Prof. †	(Absent on leave)	327 Macy	507 W. 124
Weil, H. L. Clin. Asst.		V. C.	667 Madison ave.
Weinrich, M. F. Instr. †	Th. 11-12	305 F.	99 Claremont ave.
Weinstein, A. Ext. T.			2328 Belmont ave.
Weinstein, J. W. Clin. Asst.		V. C.	16 E. 96
Weir, R. F. Emer. Prof.			30 W. 50
Weiser, Lucy H. Tr.		H. M. S.	503 W. 121
Weiss, J. J.		V. C.	998 Union ave.
Wells, J. S. C. Ret. Asst. Prof.			
Welzmler, L. R. Ext. T.			1453 Bryant ave.
Wendell, G. V. Prof. †	Daily 11-12	303 F.	450 Riverside Dr.
West, D. Instr.		P. & S.	71 W. 49
Wheeler, Elizabeth H. Recorder of Med. Sch.		P. & S.	13 E. 124
Wheeler, J. R. Prof. †	M. 10; W. 4	708 P.	433 W. 117
Wheelwright, J. S. Assoc.		P. & S.	515 Madison ave.
Whipple, A. O. Assoc.		P. & S.	178 E. 70
White, Bessie S. Instr.	M. W. 11:30-12	301 H. A.	423 W. 120
White, C. H. Lect.		T.	132 E. 17

Name	Office Hours	Office	Residence
White, J. W. Instr.		P. & S.	139 E. 37
White, W. C. Instr.	(Absent on leave)	P. & S.	128 E. 60
Whitin, E. S. Ext. T.		422 L.	501 W. 113
Whiting, Margaret, Asst. to Social Director	Daily 9:30-11:30; 5:30-6:15	Whittier	Whittier
Whitley, Mary T. Asst. Prof.	M. W. F. 2-3; Tu. Th. 1:30-2	337 T. P. & S.	2334 Andrews ave. 283 Lexington ave.
Whitman, R. Asst. Prof. †		H. M. S.	519 W. 121
Whittaker, Luella N. Tr.		P. & S.	48 E. 65
Wiener, H. J. Instr.		T.	70 Morningside Dr.
Wiethan, May J. Lect.			226 W. 238
Wikoff, A. G. Ext. T.		102 L.	106 Morningside Dr.
Wilber, Doris, Sup. in Lib.		P. & S.	39 E. 75
Wilcox, H. B. Instr. †			598 W. 191
Wilkins, L. A. Ext. T.			575 W. 125
Wilkinson, G. T. Instr.			509 W. 121
Williams, Blanche C. Ext. T.			Riverside, Conn.
Williams, H. B. Asst. Prof. †	(Absent on leave)	P. & S.	249 W. 72
Williams, P. H. Instr. †	(Absent on leave)	P. & S.	509 W. 121
Williams, R. H. Tr. †		H.M.B.S.	
Williams, T. Prof. and Dir. Sch. Journ.	Th. 11-12; Tu. 2-3	205 J.	423 W. 117
Williams, W. R. Assoc. Prof. †	(Absent on leave)	P. & S.	67 W. 85
Willis, H. P. Prof.			
Wills, A. P. Prof.	Tu. Th. 11-12	502 F.	635 W. 115
Wilmot, Ruth, Instr.	M. F. 11:45-12:15	305 H. A.	25 Claremont ave.
Wilson, Agnes, Sec. Religious Org. T. C.	M.-F. 9-5	111 T.	Whittier
Wilson, E. B. Prof. †	Tu. W. Th. 10-11	609 S.	411 W. 114
Wilson, M. Florence, Lib'n Nat. Sci. Lib.	Daily 9-5	301 S.	618 W. 114
Wilson, W. H. Assoc. †	W. F. 11-12	317 T.	416 W. 122
Wimmer, C. P. Asst. Prof. †		Phar.	515 W. 139
Winchell, Cora M. Asst. Prof.	Tu. 1:30-2; Th. 11-12	112 H. A.	176 Elm ave., Mt. Vernon
Winchell, Florence E. Tr.		L. S.	176 Elm ave., Mt. Vernon
Winslow, C. E. A. Lect.		T.	
Winslow, T. S. Instr.		P. & S.	850 Seventh ave.
Wise, F. Instr.		P. & S.	24 W. 59
Witte, Mabel E. Ext. T.		305 East	535-2, Bklyn.
Woglom, W. H. Assoc. Prof. †		C. R. L.	110 Morningside Dr.
Wolf, Harriette H. Ext. T.	M.-F. 10-12	V. C.	
Wolff, S. L. Ext. T.			90 Morningside Dr.
Woll, F. A. Ext. T.	Tu. 2-3; F. 3:30-4	609 F.	1013 Home
Wood, F. C. Dir. Cancer Re- search †		C. R. L.	200 W. 56
Wood, La Vergne, Asst.		H. M. S.	415 W. 118
Wood, T. D. Prof. and Coll. Physician T. C. †	M.S.9-10; M.F.3-4	157 Th.	501 W. 120

Name	Office Hours	Office	Residence
Woodbridge, F. J. E. Prof. and Dean Faculties of Political Science, Philosophy and Pure Science †	M. Tu. Th. F. 11-12 M. 2-4	321 U.	Montrose 612 Van Cortlandt Park ave.
Woodhull, J. F. Prof. †	Tu. 11		152 W. 78 509 W. 121
Woodruff, I. O. Instr.		P. & S.	22 W. 22, Bayonne, N. J.
Woodruff, Mrs. Jessie H. Asst.		T.	
Woodruff, S. R. Instr. †		P. & S.	
Woodworth, R. S. Prof. †	M. 11-12; 4-5; Th. 9-10; 4-5	413 S.	Peekskill
Woolsey, W. C. Asst. †	(Absent on leave)	P. & S.	88 Lafayette ave., Bklyn.
Wormser, I. M. Ext. T.			281 Edgcombe ave.
Wren, A. A. Instr.		P. & S.	547 W. 147
Wright, E. H. Asst. Prof. †	M. W. 4-5	606 P.	880 W. 181
Wright, J. J. Ext. T.	Daily 2-3	509 J.	50 Baldwin, Newark
Wye, Theodora E. Ext. T.			44 Morningside Dr.
Yeomans, F. C. Instr. †		P. & S.	230 W. 59
Yohannan, A. Lect. †	W. F. 11-12	402 P.	557 W. 124
Young, C. C.		V. C.	550 Riverside Dr.
Young, C. H. Prof. †	M. 4:30-5:30 W. 11-11:30	711 P. 512 Hm.	312 W. 88 576 Fifth ave.
Young, J. L. Prof.			419 W. 119
Yunck, Bernadine M. Instr.		T.	
Zanetti, J. E. Asst. Prof. †	(Absent on leave)		
Zastrow, F. A. Instr.			115 Broadway
Zelaya, A. Clin. Asst.		V. C.	150 W. 64
Zinsser, H. Prof. †	(Absent on leave)	P. & S.	320 W. 104
Zoller, H. P. Ext. T.			556 W. 150

## Directory of Students

The italic letter following the name indicates the school in which the student is primarily registered—as follows:

*a* School of Architecture  
*b* Barnard College  
*bu* School of Business  
*c* Columbia College  
*e* Extension Teaching  
*ed* School of Education (Teachers College)  
*gr* Faculties of Philosophy, Political Science and Pure Science  
*j* School of Journalism

*l* School of Law  
*m* School of Medicine  
*mec* Schools of Mines, Engineering and Chemistry  
*pa* School of Practical Arts (Teachers College)  
*ph* College of Pharmacy  
*uncl* Unclassified University Student

The symbol *gr ed* indicates a graduate student in the School of Education. The names of women are indicated by a dagger (†).

'Hartley', 'Livingston', 'Furnald', 'Brooks', and 'Whittier' refer to the University Residence Halls.

This is a directory of all who have filed registration blanks; subsequent withdrawals have not been considered.

For names of students not in Directory, see Class lists in Annual Catalogue, and for addresses consult card index in Office of Registrar.

Aaron, M. <i>e</i>	425 Atlantic ave., Bklyn.	Abrams, B. D. † <i>e</i>	500 W. 176
Aarons, H. B. † <i>e</i>	315 W. 98	Abrams, J. F. † <i>ed</i>	450 W. 152
Aaronson, R. E. † <i>e</i>	520 W. 123	Abrams, M. <i>e</i>	49 E. 90
Abe, K. <i>uncl</i>	102 W. 123	Abrams, M. † <i>pa</i>	Whittier
Abbott, E. A. † <i>gr ed</i>	130 Claremont ave.	Abramson, A. E. <i>c</i>	2448 Pitkin ave., Bklyn.
Abbott, E. E. † <i>e</i>	319 W. 95	Abramson, B. B. † <i>e</i>	752 W. 178
Abbott, G. † <i>pa</i>	98 Ravine ave., Yonkers	Abramson, H. A. <i>c</i>	2051 Fifth ave.
Abel, E. S. B. <i>e</i>	Atlantic Highlands	Acampora, P. <i>ph</i>	76 Ward ave., Mamaroneck
Abell, K. F. † <i>ed</i>	96 Grace Church, Port Chester	Accarino, F. J. <i>c</i>	53 Columbus ave.
Abell, R. A. <i>c</i>	44 Hamilton Terrace	Accurso, C. † <i>b</i>	449 E. 116
Abelov, I. <i>c</i>	463 Willoughby ave., Bklyn.	Acker, A. <i>e</i>	310 E. 87
Abirom, F. † <i>e</i>	50 E. 99	Acker, J. G. <i>bu</i>	225 Windsor ave., Rockville Centre
Abraham, D. † <i>e</i>	316 W. 79	Acker, M. † <i>e</i>	11 State, Ossining
Abrahams, C. E. † <i>e</i>	286 New York ave., Bklyn.	Ackerly, J. † <i>gr</i>	416 W. 118
Abrahams, E. R. † <i>e</i>	336 W. 88	Ackerman, A. † <i>pa</i>	Hillsdale, N. J.
Abrahams, H. B. <i>c</i>	120 W. 86	Ackerman, E. W. † <i>e</i>	89 W. 36, Bayonne
Abrahams, M. <i>l</i>	530 W. 136	Ackerman, J. <i>c</i>	1832 George, Evergreen
Abrahamson, E. M. <i>mec</i>	278 W. 113	Ackerman, M. <i>ph</i>	1417 Prospect ave., Bronx
Abramovitz, B. <i>ph</i>	238 Monroe, Passaic		
Abramowitz, A. <i>ph</i>	995 Union ave.		

- Ackerman, P. † *gr* Hotel Algonquin  
 Acosta, J. A., Jr. *mec* 308 McDonough, Bklyn.  
 Adair, E. † *gr* 159 Macon, Bklyn.  
 Adair, H. M. † *e* 135 E. 52  
 Adair, M. L. † *pa* 159 Macon, Bklyn.  
 Adamovsky, J. *c* 707 Eighth ave., Astoria  
 Adams, A. E. † *gr* 420 W. 118  
 Adams, A. R. † *e* 519 W. 121  
 Adams, D. J. *c* 155 W. 58  
 Adams, E. R. † *b* 314 W. 114  
 Adams, F. M. † *e* 23 Park ave.  
 Adams, J. F. *gr* 521 W. 122  
 Adams, H. † *pa* 1230 Amsterdam ave.  
 Adams, K. † *e* Furnald  
 Adams, L. † *e* 790 Riverside Dv.  
 Adams, L. F. † *b* 99 Claremont ave.  
 Adams, M. L. † *j* Brooks  
 Adams, M. R. *c* 255 Sumner ave., Bklyn.  
 Adams, W. J. *m* Lawrence, N. Y.  
 Addis, B. † *gr ed* Brewster  
 Addis, M. L. † *e* 2940 Broadway  
 Adee, G. F. † *b* 129 E. 35  
 Adelberg, R. R. † *e* Cedarhurst  
 Adelman, S. *c* 1363 Fifth ave.  
 Adelson, A. *e* 836 Whitlock ave.  
 Aderer, R. *e* 324 W. 100  
 Adikes, J. M. *l* 211 Fulton, Jamaica  
 Adler, A. A. *gr* 201 Warren, Bklyn.  
 Adler, J. *e* 70 E. 77  
 Adler, S. E. † *b* 611 W. 141  
 Adlerblum, C. *gr* 1652 Mt. Hope ave.  
 Adlorberg, G. *m* 21 First ave.  
 Adsit, E. † *e* 410 W. 115  
 Aebli, R. *c* 813 Charles, West Hoboken  
 Agar, H. S. *c* 12 E. 63  
 Agens, H. M. *e* 519 W. 121  
 Agins, C. E. † *e* 112 Graham ave., Paterson  
 Agnew, M. G. † *gr* 431 W. 121  
 Agnew, V. † *e* Tenafly, N. J.  
 Agramonte, E. V. † *uncl* 438 W. 116  
 Ahrens, E. M. † *b* 1547 Brooklyn ave., Bklyn.  
 Ahrens, G. F. *ph*  
 Ahrens, S. V. † *pa* Teachers College  
 Aiken, L. E. † *e* Furnald  
 Aiken, M. † *e* 537 W. 121  
 Aikin, W. M. *gr ed* 430 W. 119  
 Aine, J. *m* 659 Morris Park ave.  
 Aitchison, G. H. † *gr* 135 E. 52  
 Ajello, A. L. *ph* 109 Carroll, Bklyn.  
 Akers, K. W. *c* 558 W. 113  
 Akers, M. H. † *e* 270 Park, Hackensack  
 Akin, A. R. † *pa* 409 W. 129  
 Albert, H. H. † *ed* 160 Claremont ave.  
 Albert, S. *ph* 1057 Boston Rd.  
 Albrecht, C. † *pa* 1230 Amsterdam ave.  
 Albrecht, I. W. *e* 74 Grove, Bklyn.  
 Albrecht, L. D. † *gr ed* 1230 Amsterdam ave.  
 Alcivar, E. *c* 1925 Seventh ave.  
 Alden, E. H. † *pa* Whittier  
 Alderman, I. S. *m* 1962 Seventh ave.  
 Aldous, B. L. † *pa* 312 Gregory ave., Passaic  
 Aldrich, M. E. † *ed* Whittier  
 Alexander, A. † *e* 450 West End ave.  
 Alexander, D. L. † *e* 327 Central Park West  
 Alexander, E. M. † *e* 106 Morningside Dr.  
 Alexander, F. L. † *gr ed* 418 W. 118  
 Alexander, H. R. *e* 601 W. 135  
 Alexander, M. A. † *gr* 586-74th, Bklyn.  
 Alexander, M. J. † *b*  
 Alexander, N. N. *c* 538 W. 114  
 Alexander, S. L. *c* 327 Central Park West  
 Alexander, V. M. † *pa* 420 W. 119  
 Alfaro, P. *e* 180 Robinson, Bklyn.  
 Alfke, A. L. † *b* 24 W. 95  
 Alfke, M. D. *e* 346 E. 29  
 Alicas, P. *e* 512 W. 179  
 Allan, A. C. † *e* 502 W. 141  
 Alleman, M. † *b* 607 W. 116  
 Allen, A. V. † *e* 25 Clinton, Bklyn.  
 Allen, E. S. † *j* 620 W. 122  
 Allen, G. † *e* 529 W. 138  
 Allen, G. † *ed* 345 Park, Hackensack  
 Allen, G. A. † *ed* 130 S. 3 ave., Mt. Vernon  
 Allen, H. D. *m* 346 W. 57  
 Allen, L. † *pa* Whittier  
 Allen, L. B. † *gr ed* 106 Oak Tree Pl., Leonia  
 Allen, L. C. *e* 523 W. 122  
 Allen, T. M. † *gr ed* Whittier  
 Allen, W. S. † *gr* 768 Union, Bklyn.  
 Alling, E. L. *m* 1116 Amsterdam ave.  
 Alling, J. B. † *e* 512 Woodland ave., Plainfield  
 Alling, H. L. *gr* Livingston  
 Allison, E. W. † *pa* 600 Lexington ave.  
 Allyn, E. † *gr ed* 49 Claremont ave.  
 Alm, O. W. *gr ed* 501 W. 123  
 Almour, R. *m* 239 E. 7  
 Alpern, H. *gr* 60 E. 119

Alter, R. <i>ph</i>	338 Marshall, Elizabeth	Andrews, L. L. $\dagger b$	220 W. 107
Alterman, L. <i>ph</i>	39 S. Bleecker, Mt. Vernon	Andrews, M. $\dagger pa$	519 W. 121
Altschul, C. <i>uncl</i>	32 W. 86	Andrews, P. W. $\dagger pa$	65 Jefferson ave., Bklyn.
Altschul, F. J. <i>c</i>	416 W. 122	Andreyko, G. <i>c</i>	83 Grand, Jersey City
Altschul, H. $\dagger e$	32 W. 86	Andriopoulos, N. <i>c</i>	148 W. 67
Alvord, R. O. <i>gr</i>	414 W. 120	Anello, V. <i>m</i>	160 Lorimer, Bklyn.
Alzamora, I., Jr. <i>l</i>	925 West End ave.	Angel, A. K. <i>ph</i>	
Alzamora, L. <i>c</i>	925 West End ave.	Angell, M. $\dagger pa$	45 Dewey ave., New Rochelle
Amadeo, T. $\dagger ed$	221 W. 112	Anger, G. $\dagger e$	72 W. 122
Amazon, P. <i>c</i>	645 Stone ave., Bklyn.	Anger, H. L. <i>gr</i>	555 W. 186
Amberg, R. A. $\dagger b$	Brooks	Anker, L. M. <i>bu</i>	3675 Broadway
Ambler, A. <i>e</i>	Norwalk, Conn.	Anthony, M. E. $\dagger b$	Brooks
Ambler, R. E. $\dagger gr ed$	211 Passaic, Hackensack	Aoki, S. <i>uncl.</i>	1090 St. Nicholas ave.
Ambrose, A. <i>m</i>	55 Madison, Newark	Apfel, S. J. <i>m</i>	1110 Rivington
Amdur, I. $\dagger e$	1028 Prospect ave.	Apisdorf, A. K. <i>m</i>	426 Seventh ave., Bklyn.
Amdur, L. <i>c</i>	278 Hooper, Bklyn.	Appel, J. W., Jr. <i>e</i>	24 Gramercy Park
Amendola, R. V. H. <i>c</i>	41 Bay 34th, Bklyn.	Appel, R. B. <i>c</i>	627 W. 113
Ames, E. W. <i>gr</i>	Hartley	Appelbaum, E. <i>m</i>	1566 Hoe ave.
Ames, T. H. <i>gr</i>	375 Park ave.	Appell, P. H. <i>c</i>	Hartley
Amill, L. A. <i>m</i>	260 W. 57	Appell, T. E. $\dagger e$	1027 Prospect ave.
Ammermüller, G. V. $\dagger b$	420 W. 130	Appert, E. M. $\dagger e$	Allendale, N. J.
Amsel, M. R. <i>m</i>	243 W. 122	Applebaum, F. $\dagger e$	212 Ave. B
Amson, S. $\dagger b$	2694 Valentine ave.	Applebaum, N. C. $\dagger e$	1880 Belmont ave.
Amster, S. <i>pa</i>	108 Second ave.	Applebee, E. W. <i>e</i>	352 Mott ave.
Anderson, A. H. <i>e</i>	195 Pacific, Bklyn.	Applegate, D. V. <i>e</i>	2181 Bedford ave., Bklyn.
Anderson, A. K. $\dagger e$	Furnald	Applegate, M. $\dagger pa$	910 Sterling Pl.
Anderson, A. L. $\dagger pa$	958-72nd, Bklyn.	Appleton, M. W. $\dagger e$	26 E. 80
Anderson, C. E. <i>ph</i>		Apter, A. <i>e</i>	508 W. 134
Anderson, C. T. <i>c</i>	1012 Lorimer, Bklyn.	Aquaro, P. <i>ph</i>	83 Sullivan
Anderson, D. F. $\dagger pa$	233-31st, Woodcliffe, N. J.	Aragiusto, P. <i>ph</i>	34 Park Hill ave., Yonkers
Anderson, E. $\dagger pa$	Whittier	Araki, B. <i>gr</i>	312 W. 109
Anderson, E. C. $\dagger e$	43 Union, Montclair	Araki, S. <i>gr</i>	102 W. 123
Anderson, E. L. <i>m</i>	503 W. 121	Aranjo, P. <i>ph</i>	283 Alexander ave.
Anderson, E. M. <i>ed</i>	Livingston	Arason, S. <i>ed</i>	302 W. 111
Anderson, G. M. $\dagger gr ed$	265 Madison, Bklyn.	Arbogast, M. G. $\dagger pa$	523 W. 121
Anderson, H. E. $\dagger e$	128 W. 74	Archer, B. H. <i>m</i>	1330 Franklin ave.
Anderson, H. E. $\dagger pa$	Whittier	Archer, E. R. $\dagger b$	Brooks
Anderson, J. H. A. <i>gr</i>	600 W. 122	Archibald, M. L. $\dagger b$	Whittier
Anderson, K. B. $\dagger pa$	Whittier	Archibold, R. F., Jr. <i>c</i>	468 Riverside Drive
Anderson, M. E. $\dagger gr$	419 W. 118	Archinal, W. J. A. <i>c</i>	1014 Forest ave., Bklyn.
Anderson, M. E. $\dagger e$	209 Denman, Elmhurst	Ardzrooni, L. <i>gr</i>	524 W. 124
Anderson, S. D. $\dagger ed$	730 Avenue A, Bayonne	Arena, D. <i>ph</i>	4288 Third ave.
Anderson, W. R., Jr. <i>c</i>	16 Stockton Pl., E. Orange	Arent, E. $\dagger gr ed$	Furnald
Andrews, E. C. <i>ed</i>	Greenwich, Conn.	Arent, L. <i>gr</i>	Furnald
Andrews, G. C., Jr. <i>m</i>	318 W. 57	Argueso, J. $\dagger ph$	465 West End ave.
Andrews, J. C. <i>gr</i>	Livingston	Arkins, L. $\dagger b$	612 W. 115
		Armengol, J. M. <i>c</i>	330 W. 58
		Armentano, A. <i>ph</i>	321 E. 109

- Armitage, LeR. *e* 128 Park ave., E. Orange  
 Armour, J. *† e* 465 West End ave.  
 Armstrong, B. K. *gr* 49 E. 132  
 Armstrong, B. S. *† pa* Whittier  
 Armstrong, C. *† e* 256 W. 97  
 Armstrong, C. G. *c* 411 W. 114  
 Armstrong, E. H. *† b* 32 E. 61  
 Armstrong, E. M. *† e* 287 Henry  
 Armstrong, J. H. *m* 105 W. 137  
 Armstrong, S. M. *† gr ed* 2940 Broadway  
 Armuth, I. *† e* 96 Green, Bklyn.  
 Arnheim, E. E. *c* 202 W. 106  
 Arnett, A. M. *gr* 430 W. 118  
 Arnold, C. D. *† e* 370 Madison, Bklyn.  
 Arnold, G. *† e* 166 W. 72  
 Arnold, H. A. *† pa* 370 Madison, Bklyn.  
 Arnold, H. C. F. *ph* Quogue  
 Aronin, M. *e* 1009 Prospect ave.  
 Aronoff, J. B. *c* 900 Union ave.  
 Aronowitz, L. J. *e* 68 W. 38, Bayonne  
 Aronowitz, M. *e* 68 E. 112  
 Aronsohn, T. *† e* 182 W. 58  
 Aronson, G. T. *e* 518 E. 8, Bklyn.  
 Aronson, M. K. *c*  
 1429 Eastern Parkway, Bklyn.  
 Aronson, P. L. *c* 396 Belmont ave., Bklyn.  
 Aronstamm, T. *† e* 1566 Vyse ave.  
 Artman, C. E. *gr* 558 W. 113  
 Asch, J. *c* 41 Convent ave.  
 Ascher, C. S. *e* 1124 Amsterdam ave.  
 Ashcraft, J. *† e* 2042 Fifth ave.  
 Ashland, M. A. *† e* 244 Madison ave.  
 Ashley, H. C. *† b* 346 Lexington ave.  
 Ashley, H. C. *c* 346 Lexington ave.  
 Ashraf, G. M. *† gr ed* 162 E. 66  
 Ashton, H. M. *† m*  
 718 Bushwick ave., Bklyn.  
 Asinof, J. *e* 575 West End ave.  
 Aspinwall, B. *e*  
 53 Buckingham Rd., Yonkers  
 Asterweil, V. *† e* 796 S. 10, Newark  
 Astrachan, M. *m* 9 Douglas, Jamaica  
 Astrom, A. *c* 200 W. 72  
 Astrowe, P. S. *m* 233 E. 12  
 Atchinson, G. I. *† gr* 519 W. 121  
 Atkinson, D. *e* 534 W. 152  
 Atkinson, E. H. *† pa* 418 W. 118  
 Atkinson, L. S. *† gr ed* 196 Berkeley Pl.  
 Atkinson, R. C. *gr* Hartley  
 Atsatt, M. *† gr* 44 Morningside Dr.  
 Atwood, Cecel *† e* Whittier  
 Atwood, Constance *† e* Hotel Biltmore  
 Atwood, E. E. *† ed* 1230 Amsterdam ave.  
 Aufses, A. H. *c* 118 E. 73  
 Aul, H. E. *c* 71 S. 10, Bklyn.  
 Austin, D. F., Jr. *c* 540 W. 113  
 Austin, G. B. P. *† gr* 419 W. 119  
 Austin, R. *† b* 414 W. 118  
 Austrian, R. B. *e* 49 St. Nicholas Terr.  
 Avent, E. *† gr ed* Furnald  
 Avignone, C. J. *e* 12 Carmine  
 Avrach, J. A. *c* Livingston  
 Axelbank, L. *e* 510 Alabama ave., Bklyn.  
 Axford, C. *c* 124 Wheaton Pl., Rutherford  
 Axtell, G. M. *† pa* 503 W. 121  
 Axtell, P. H. *gr ed* Leonia  
 Aylward, A. E. *† e* 450-58th, Bklyn.  
 Aymar, M. *† e* 125 Washington Pl.  
 Aynsawa, I. F. *gr* 184 Eldridge  
 Ayres, A. B. *e* 501 W. 121  
 Ayres, F. N. *† e* Burlington H. S.  
 Ayres, L. B. *† e* 501 W. 121  
 Ayres, M. S. *gr* 476 Clinton ave., Bklyn.  
 Azadian, A. H. *ed* 534 W. 124  
 Aziz, A. *und* 420 W. 121  
 Azpiazu, W. P. *† e* 420 W. 116  
 Babb, H. H. *† ed* Whittier  
 Babbage, H. M. *† e* 244 W. 101  
 Babbins, A. *c* 336 Ellery, Bklyn.  
 Babbott, F. L., Jr. *m*  
 149 Lincoln Pl., Bklyn.  
 Babcock, C. E. *† gr ed* Teachers College  
 Babor, J. A. *gr* 447 E. 77  
 Bacardi, M. *† e* 35 E. 62  
 Bach, M. G. *gr* Livingston  
 Bachrach, A. R. *c* 74 E. 92  
 Bachrach, F. *† gr ed* 224 E. Tremont ave.  
 Backus, G. *† ed* 291 Broad, Newark  
 Bacon, E. L. *† gr ed* 916 W. 122  
 Baczynski, J. M. *bu* 505 W. 134  
 Badanes, B. R. *† gr ed*  
 565 Madison, Bklyn.  
 Bader, E. M. *† gr ed* 140 Claremont ave.  
 Bader, G. B. *m* 437 W. 59  
 Bader, J. *e* 408 Hague, W. Hoboken  
 Baer, L. H. *c* 452 W. 144  
 Baer, M. *† b*  
 223 Westchester ave., Mt. Vernon  
 Baez, F. *† e* 140 Hawthorne  
 Baeza, M. *† pa* 839 West End ave.  
 Baeza, H. *e* 132 W. 85  
 Bagier, V. C. *† gr* Furnald  
 Bagster-Collins, R. D. *c* Montrose, N. Y.  
 Bahm, F. J. *† e* 353 E. 28, Bklyn.  
 Bahrenburg, T. M. *c*  
 706 Greene ave., Bklyn.



Bailey, E. † *e*  
 853 Post ave., W. New Brighton  
 Bailey, E. J. *c* 124 Hillside ave., Orange  
 Bailey, W. K. *e*  
 1049 Coney Island ave., Bklyn.  
 Bailie, C. T. *gr* 1046 Amsterdam ave.  
 Bailin, J. *c* 36 Reid ave., Bklyn.  
 Bain, M. E. † *pa* 501 W. 121  
 Baird, H. M. † *pa* Furnald  
 Baird, W. G. *c* 434 W. 120  
 Baiser, A. *ph* 195 Clinton  
 Baker, D. E. † *pa* Whittier  
 Baker, E. K. † *uncl* Teachers College  
 Baker, F. C. *e* 509 W. 121  
 Baker, G. † *e* 320 W. 107  
 Baker, G. B. † *uncl* Whittier  
 Baker, J. L. *c* 104 W. 105  
 Baker, J. P. *c* 94 Livingston, Bklyn.  
 Baker, L. *c* Hartley  
 Baker, R. P. *pa*  
 12 Bushnell Pl., Mt. Vernon  
 Bakewell, H. † *e* Hotel Marseilles  
 Balbin, F. † *e* 8804 Ridge Blvd., Bklyn.  
 Balch, E. G. † *uncl* 110 Morningside Dr.  
 Baldwin, E. M. † *b* 20 Bridge, Hackensack  
 Baldwin, E. M. † *uncl*  
 567 Warren, Newark  
 Baldwin, F. † *pa* 527 W. 121  
 Baldwin, L. C. *m* Livingston  
 Baldwin, M. F. † *e* 31 Winans, E. Orange  
 Ball, C. L. † *gr* 135 E. 52  
 Ball, C. M. † *ed* Furnald  
 Ball, H. E. † *b* Brooks  
 Ball, I. G. † *ed* 503 W. 122  
 Ballard, E. C. † *ed* 120 W. 103  
 Ballot, J. E. † *b* 93 President, Bklyn.  
 Ballou, F. F. † *e* 434 W. 120  
 Ballou, M. K. † *pa* 870 Riverside Dr.  
 Ballou, W. A. *gr ed*  
 335 Lafayette ave., Bklyn.  
 Balson, Z. D. B. *c* 47 Boston, Newark  
 Bamdaz, B. *e* 2120 Mapes ave.  
 Bancroft, R. *l* Livingston  
 Bandtke, E. C. † *e* 779 Prospect ave.  
 Bangs, F. C. *l* 1120 Amsterdam ave.  
 Bangser, V. † *e* 393 West End ave.  
 Banker, C. E. † *ed*  
 447 Ft. Washington ave.  
 Banks, A. K. † *pa* 340 W. 85  
 Barad, V. † *pa* 357 Eastern Pkwy., Bklyn.  
 Baranoff, H. † *b* 1 Evergreen Pl., E. Orange  
 Barach, A. L. *m* 901 Prospect ave.  
 Barasch, A. † *e* 273 Argyle Rd., Bklyn.

Barasch, M. *e* 853 Macy Pl.  
 Barash, L. *m* 77 E. 4  
 Baratta, A. F. *c* 2055 First ave.  
 Barbarrosa, C. *gr* 212 W. 85  
 Barber, C. † *gr ed* 351 E. 74  
 Barber, F. G. † *b* 633 W. 152  
 Barber, G. H. *m* 57 S. Oxford, Bklyn.  
 Barber, J. C. † *gr* Furnald  
 Barber, M. F. † *b* Brooks  
 Barber, M. I. † *pa* 434 W. 120  
 Barcus, H. H. *gr ed*  
 305 Lafayette ave., Bklyn.  
 Bardon, I. M. † *e* 160 W. 95  
 Barfield, E. † *e* 345 W. 88  
 Barfuss, A. E. O. *e* 2 W. 89  
 Barger, W. *c* 351 W. 18  
 Barghorn, E. † *e*  
 239 Flushing ave., L. I. City  
 Barinard, E. S. *c* Hartley  
 Barish, T. *mec*  
 Port Richmond Sq., Port Richmond  
 Barker, D. M. † *bu* Whittier  
 Barland, A. L. † *gr ed* Furnald  
 Barlow, A. W. † *pa* 434 W. 120  
 Barlow, E. A. *e* Westwood, N. J.  
 Barlow, I. C. *e* 740 Georgia ave., Bklyn.  
 Barnaby, M. E. † *e* 91 E. 18  
 Barnard, G. L. *e* 716 Trinity ave.  
 Barnard, L. W. *gr* 346 W. 57  
 Barnard, V. G. † *pa*  
 454 Ft. Washington ave.  
 Barnes, A. E. *uncl*  
 Barnes, B. F. † *ed* 3 W. 102  
 Barnes, F. A. D. *c* 2007 Sedgwick ave.  
 Barnes, H. W. † *pa* Whittier  
 Barnes, P. S. *ed* 3 W. 102  
 Barnes, W. J. *m* 58 W. 40  
 Barnett, G. E. † *e* 344 W. 72  
 Barnett, I. M. † *gr. ed* 37 E. 71  
 Barnett, M. † *pa* 606 W. 113  
 Barnett, M. P. † *e* Furnald  
 Barnett, R. *e* 197 Lenox ave.  
 Barnhart, R. DeW. *e* 122 W. 84  
 Barnum, A. L. † *e* Greenwich, Conn.  
 Barnum, E. C. † *ed* 404 W. 115  
 Baron, B. † *e* 508 W. 114  
 Baron, M. *c* 170 E. Houston  
 Baron, O. H. G. † *e* 1161 Amsterdam ave.  
 Barovick, S. H. *c* 948 Fox  
 Barr, O. O. *gr ed*  
 237 Stevens ave., S. Amboy  
 Barras, M. *gr* 80 E. 111

- Barrett, F.  $\dagger b$  102 White Plains Rd.  
 Barrett, M. A.  $\dagger e$  10 W. 90  
 Barrett, M. H.  $\dagger e$  272 W. 86  
 Barrington, A. L.  $\dagger b$  3089 Broadway  
 Barrington, A. M.  $\dagger e$  3089 Broadway  
 Barrington, M. L.  $\dagger b$  3089 Broadway  
 Barron, J.  $\dagger e$  29 E. 29  
 Barrows, J.  $\dagger ed$  620 W. 122  
 Barry, C. A.  $\dagger b$  109 Franklin, Jersey City  
 Barry, R. E.  $\dagger gr ed$  Whittier  
 Barsky, E. *m* 206 Hewes, Bklyn.  
 Barsky, G. *mec* 206 Hewes, Bklyn.  
 Barst, B. *ph* 28 E. 114  
 Barten, H. M.  $\dagger b$  1678 First ave.  
 Barth, A. S. *c* 115 W. 16  
 Bartholomew, D. DeV. *l* Livingston  
 Bartlett, E. L.  $\dagger b$   
     618 Hudson Pl., Hoboken  
 Bartlett, G.  $\dagger gr ed$  106 Morningside Dr.  
 Bartlett, J. B.  $\dagger gr$   
     237 Brooklyn ave., Bklyn.  
 Bartley, H. E.  $\dagger pa$  1230 Amsterdam ave.  
 Bartley, M. L.  $\dagger pa$  Whittier  
 Bartley, R. E. M.  $\dagger e$   
     680 Summer ave., Newark  
 Barone, M. A. *m*  
     123 Taylor, Stamford, Conn.  
 Barto, E. W. *c*  
 Barto, H. T.  $\dagger gr ed$  1230 Amsterdam ave.  
 Barto, M. M.  $\dagger gr ed$   
     1230 Amsterdam ave.  
 Barton, E. G.  $\dagger b$  Lydecker, Englewood  
 Barton, G. E.  $\dagger e$  32 Irving Pl., Passaic  
 Barton, H. C.  $\dagger b$  431 W. 121  
 Barton, R. C. *e* 421 E. 157  
 Barts, A. A.  $\dagger pa$  520 W. 139  
 Bartsch, A. K.  $\dagger e$  3082 Decatur ave.  
 Bartsch, G. E.  $\dagger e$  3082 Decatur ave.  
 Bartz, S. V.  $\dagger e$  27 W. 129  
 Baruch, B. *gr ed*  
     273 Rochester ave., Bklyn.  
 Basham, E. G.  $\dagger e$  421 W. 118  
 Bashook, A. *ph*  
     1518 St. Marks ave., Bklyn.  
 Bashwitz, H.  $\dagger e$  210 Riverside Dr.  
 Baskette, S. B.  $\dagger pa$  430 W. 119  
 Bassett, A. *e* 440 Riverside Dr.  
 Bassett, K. E. *e* 1169 E. Jersey, Elizabeth  
 Bassett, K. E.  $\dagger ed$  304 N. Broad, Newark  
 Batchelor, C. B. *gr ed* 58 Argyle Rd., Bklyn.  
 Bate, A. J. *ed* 69 Elliot ave., Yonkers  
 Bates, R. F. *gr ed*  
     452 E. North ave., Westfield, N. J.
- Battan, A. G. *c* 6 School, Rye  
 Battey, L. A.  $\dagger gr ed$  414 W. 121  
 Battreall, E.  $\dagger e$  326 W. 80  
 Bauer, B. G.  $\dagger e$   
     165 Horton ave., New Rochelle  
 Bauer, G. G. *e* 129 Stiles, Elizabeth  
 Bauer, S. M.  $\dagger pa$  408 W. 145  
 Bauerberg, L. V.  $\dagger j$  620 W. 122  
 Baum, A. *e* 30 Church  
 Baum, J. C. *ph* 471-45th, Bklyn.  
 Baum, S.  $\dagger e$  252 W. 128  
 Baum, S. M. *m* 453 W. 57  
 Baumann, E. H.  $\dagger b$  77 E. 89  
 Baumgartner, S.  $\dagger pa$  Whittier  
 Baumhackl, E.  $\dagger e$  150 E. 91  
 Baumhackl, R.  $\dagger e$  150 E. 91  
 Baumont, W. W.  $\dagger pa$   
     1230 Amsterdam ave.  
 Baumstone, M. *e* 61 E. 86  
 Bausch, H.  $\dagger e$  51 Lee ave., Bklyn.  
 Baxter, I. R.  $\dagger pa$  223 W. 135  
 Baxter, M. C.  $\dagger e$  143 W. 84  
 Baxter, R. H. *m* 336 W. 58  
 Baxter, R. J.  $\dagger gr ed$  430 W. 119  
 Bay, T. C.  $\dagger b$   
     42 Burnett, Maplewood, N. J.  
 Bayer, E.  $\dagger pa$  1047 Morris ave.  
 Bayer, S.  $\dagger e$  1047 Morris ave.  
 Baylis, C. R.  $\dagger e$  644 W. 204  
 Bayly, M. H.  $\dagger e$  438 W. 116  
 Bayron, H.  $\dagger e$  1476 Wilkins ave.  
 Beach, A. T. *c* 636 Leonard, Bklyn.  
 Beach, B. M.  $\dagger b$  1230 Amsterdam ave.  
 Beach, C. L. *e* 215 Clark, Westfield, N. J.  
 Beam, H. M. *m* 37 W. 60  
 Beam, M. E.  $\dagger pa$  Hartsdale  
 Beard, E. R.  $\dagger gr ed$  419 W. 110  
 Bearmore, A. L. *e* 244 Madison ave.  
 Bearns, S.  $\dagger e$  95 Joralemon, Bklyn.  
 Beasley, C. B.  $\dagger pa$  Ellington, Conn.  
 Beasley, S. B.  $\dagger e$  416 W. 118  
 Beatty, H. C. *e*  
     470 W. Franklin, Ridgewood, N. J.  
 Beaumont, W. W.  $\dagger pa$  Whittier  
 Bechtold, L. *e* 187 Washington  
 Beck, E. A.  $\dagger uncl$   
     469 Lexington ave., Bklyn.  
 Beck, I. I. *ph* 417 Miller ave., Bklyn.  
 Beck, M. McL.  $\dagger gr ed$   
 Beck, R. D. *m* 541 W. 124  
 Beck, T. J. *gr* Hartley  
 Becker, A. *c* 249 W. 112  
 Becker, B. L.  $\dagger b$  145 W. 78

Becker, H. † *gr* 1393 Stebbins ave.  
 Becker, L. *l* 1952 Amsterdam ave.  
 Becker, M. *bu* Hartley  
 Becker, M. C. † *gr ed*  
 329 Park ave., Leonia  
 Becker, O. *e* 226 E. 81  
 Becker, S. *e* 672 St. Nicholas ave.  
 Beckett, W. M. A. *c* Chester House,  
 Esplanade, Pelham Manor  
 Beckwith, F. A. † *e* 106 E. 52  
 Beckwith, M. W. † *gr* Furnald  
 Bedell, Lu E. E. † *pa*  
 109 Briggs ave., Richmond Hill  
 Bedford, D. C. † *e* Morsemere, N. J.  
 Bedford, J. H. *e* 94 Hamilton Pl.  
 Bedrick, J. † *ed* 189 W. 100  
 Beebe, K. J. *c* 65 Central Park West  
 Beebe, L. A. † *ed* 691 Ridge, Newark  
 Beecher, E. † *ed*  
 239 Bloomfield ave., Passaic  
 Beedenbender, H. L. *pa*  
 Church, W. Fort Lee  
 Beegle, F. M. *gr* 611 W. 127  
 Beekman, F. L. † *gr* 141 W. 104  
 Beekman, T. E. † *e* 112 Essex  
 Beelar, L. A. † *pa* Whittier  
 Beer, A. E. *c* 11 Duer Pl., Weehawken  
 Beer, E. S. † *uncl* 51 E. 74  
 Beer, W. E. *gr* 51 E. 74  
 Begeman, E. A. † *pa*  
 188 DeWitt ave., Belleville, N. J.  
 Behr, A. S. *l* Livingston  
 Behrend, H. † *pa* 1230 Amsterdam ave.  
 Behrens, L. E. † *gr ed* 414 W. 121  
 Behrman, S. *gr* 100 W. 80  
 Beilman, M. M. † *e* Queens  
 Beisel, A. L. † *pa* 418 W. 118  
 Belcher, F. E. † *e*  
 126 S. 8 ave., Mt. Vernon  
 Belcher, S. A. † *pa*  
 94 Lenox ave., E. Orange  
 Bell, C. F. *c* 551 W. 190  
 Bell, E. M. † *e* 326 W. 80  
 Bell, H. *ph* 1596 Madison ave.  
 Bell, F. M. † *uncl* 540 W. 122  
 Bell, M. F. G. † *e* 145 Audubon ave.  
 Beller, E. A. † *gr* 118 Haven ave.  
 Beller, W. C. *c* 51 E. 123  
 Bellows, F. M. *c* 627 W. 113  
 Belmont, H. A. † *e* 463 W. 159  
 Belsky, M. *c* 394 Manhattan ave.  
 Belth, G. *c* 309 Wallabout, Bklyn.  
 Beltz, G. † *pa* Whittier

Bendheim, G. † *b* 333 Central Park West  
 Benedict, A. E. † *gr* Furnald  
 Benedict, F. P. *c* 325 W. 108  
 Benedict, G. B. *c* 522 W. 123  
 Benedict, L. M. † *e* 102 W. 93  
 Benedict, M. J. † *b* Brooks  
 Beney, M. A. † *b* 309 E. 73  
 Benham, R. W. † *gr*  
 Cedarhurst ave., Cedarhurst  
 Benioff, R. *c* 278 W. 113  
 Benjamin, P. *c* 154 W. 88  
 Bennett, M. S. † *e* 523 W. 121  
 Bennett, F. E. † *pa* Whittier  
 Bennett, G. L. *gr ed* Hackensack  
 Bennett, H. R. *e* 3544 Broadway  
 Bennett, J. W. *j* Livingston  
 Bennett, R. V. † *pa* 612 W. 123  
 Bennett, T. W. *e*  
 Central Branch Y. M. C. A., Bklyn.  
 Bennett, V. C. † *pa* 537 W. 121  
 Benneyan, A. *pa*  
 9 Colden ave., White Plains  
 Bentley, E. B. *gr* Hotel Hargrave  
 Benton, C. A. † *e* 126 W. 85  
 Benton, E. H. † *gr ed* 503 W. 121  
 Benton, M. † *e* Furnald  
 Benton, M. K. † *e* 420 W. 116  
 Benton, P. † *b* Brooks  
 Bense, M. C. † *b* 460 Riverside Dr.  
 Berall, L. J. *e* 207 W. 118  
 Beralzheimer, H. C. 21 W. 78  
 Berdick, M. *ph* 7 Lawton, New Rochelle  
 Beren, C. M. *l* 359 W. 117  
 Berend, F. H. *e* 857 Beck  
 Beresofsky, A. *e* 148 E. 92  
 Berg, B. N. *m*  
 849 Boulevard E., Weehawken  
 Berg, J. *c* 1027 Hoe ave.  
 Berg, M. *c* 347 Bradford, Bklyn.  
 Berg, O. F. *c* 595 Greene ave., Bklyn.  
 Bergendoff, C. I. *gr* 217 E. 49  
 Berger, D. *ph* 326 E. 81  
 Berger, N. M. † *e* 139 E. 30  
 Berger, S. *l* 359 W. 117  
 Berger, W. J. *c* 600 W. 165  
 Berges, C. R. † *pa* 35 Grove, White Plains  
 Berges, M. L. † *pa* 35 Grove, White Plains  
 Bergin, E. A. † *ed* 451 St. Ann's ave.  
 Bergman, E. *ph* 92 E. 4  
 Bergman, H. *ph* 134 Second  
 Bergmann, C. A. O. *c* 263-75th, Bklyn.  
 Bergmann, E. E. † *pa* 263-75th, Bklyn.  
 Bergner, H. M. † *gr* Furnald

- Bergoffen, J. I. *c* 3675 Broadway  
 Bergstrom, G. M. *† b*  
     46 Park ave., Passaic Park, N. J.  
 Berick, M. *l* 82 Monroe  
 Berko, M. *ph* 921 Tiffany  
 Berkovsky, M. S. *m* 437 W. 59  
 Berkowitz, A. *† e* 831 Trinity ave.  
 Berkowitz, E. L. *c* Hartley  
 Berkowitz, L. *e* Bushwick High, Bklyn.  
 Berkson, I. B. *gr ed* 145 W. 111  
 Berman, B. *ph* 2108 Douglas, Bklyn.  
 Berman, H. *ph* 2881 W. 17, Coney Island  
 Berman, P. *ph* 67 Stagg, Bklyn.  
 Berman, S. *† e* 137 W. 127  
 Bernanke, W. B. *ph* 195 Seventh ave.  
 Bernard, A. *c* 1200 Madison ave.  
 Bernard, E. *c* 1200 Madison ave.  
 Bernard, M. B. *† b* Dobbs Ferry  
 Bernblum, G. *e* Hartley  
 Bernheim, A. L. *e*  
     The Belnord, Broadway and 86  
 Bernheim, G. B. *e* 148 W. 86  
 Bernheim, G. B. *† e* 148 W. 86  
 Bernheim, H. J. *e* 44 W. 77  
 Bernheim, S. B. *† gr*  
     The Belnord, Broadway and 86  
 Bernholz, M. T. M. *† b* 170 W. 81  
 Bernholz, P. *† gr* 540 W. 150  
 Bernstein, D. *e* 5704-14th ave., Bklyn.  
 Bernstein, E. *e* 11 W. 83  
 Bernstein, H. *† e* 640 Riverside Dr.  
 Bernstein, M. *gr* 156 Vernon ave., Bklyn.  
 Bernstein, M. M. *c* 112 Cathedral Parkway  
 Bernstein, P. *l* 181 Hunterdon, Newark  
 Bernstein, S. *m* 100 E. 89  
 Bernstein, S. *ph* 25 Catherine  
 Berliner, E. *† pa* 333 Central Park West  
 Bernholz, E. M. *† pa* 540 W. 150  
 Berretta, G. *e* 233 E. 106  
 Berson, G. J. *m* 22 E. 105  
 Bertran, C. *† ed* 247 W. 116  
 Bessey, M. A. *† e* 64 Monroe, Bklyn.  
 Bessie, E. M. *c* 3681 Broadway  
 Best, F. G. *† ed* Rye Seminary, Rye  
 Best, I. K. *† pa* Furnald  
 Best, M. B. *† pa* 540 W. 122  
 Best, V. P. *† pa* 540 W. 122  
 Bettenhausen, V. E. *† pa* Whittier  
 Beuerman, R. T. *mec* 1891 Lexington ave.  
 Beuick, M. D. *j* 28 W. 129  
 Beyer, B. R. *† e* 400 W. 118  
 Beyer, M. W. *gr*  
     50 Glenwood ave., Edgewater
- Bhathena, N. M. *e* Livingston  
 Biber, C. *† pa* 302 Hart, Bklyn.  
 Bicknell, H. *† e* 509 W. 121  
 Biedermann, A. *e* 306 E. 90  
 Biegen, I. *† e* 122 W. 12  
 Bien, E. R. *† b* 243 W. 98  
 Biel, R. *† e* 885 West End ave.  
 Bierhoff, A. F. *m* 301 W. 109  
 Bierman, S. D. *gr* 566 Bedford ave., Bklyn.  
 Bierschenk, F. P. *c*  
     668 Eastern Parkway, Bklyn.  
 Bierschenk, W. *l*  
     668 Eastern Parkway, Bklyn.  
 Bigelow, A. J. *† gr ed* Furnald  
 Bigelow, E. Van De W. *e* 509 W. 121  
 Bigger, E. L. *† undl* 417 W. 118  
 Bigger, M. E. *† e* 417 W. 118  
 Biggs, G. B. *c* 133 W. 71  
 Bihn, L. E. *† pa* Furnald  
 Bijur, G. A. *c* 122 E. 60  
 Bijur, J. M. *c* Hotel Ansonia  
 Bilbo, Q. M. *† gr* Whittier  
 Bilden, R. *c* 300 W. 116  
 Bildersee, A. *† gr* 304 W. 99  
 Bilhuber, G. *† pa* Maywood, N. J.  
 Billeb, C. M. *† e* 509 W. 121  
 Billman, A. M. *gr* 600 W. 122  
 Binder, A. W. *e* 1267 Fifth ave.  
 Bindrim, A. *† e*  
     34 Manor ave., Woodhaven  
 Binger, P., Jr. *a* 83 S. Broadway, Yonkers  
 Bingham, A. B. *c* 575 West End ave.  
 Bingham, H. D. *e*  
     115 Springdale ave., E. Orange  
 Bingham, R. L. *† e* 38 W. 91  
 Binzen, V. L. *† b* 251 E. Kingsbridge Rd.  
 Birch, B. L. *† gr ed* 413 W. 46  
 Bird, A. B. *† pa* 1 W. 67  
 Bird, A. G. *† e* 157 W. 79  
 Birdseye, D. C. *† b* 56 Seaman ave.  
 Birkett, E. *† e* 358 W. 121  
 Birmingham, M. *† e* 2005 Washington ave.  
 Birnbaum, B. H. *gr* 61 W. 115  
 Birnbaum, M. G. *c* 664 E. 160  
 Birnbaum, P. *† ph* 56 Eighth ave., Astoria  
 Bishop, C. M. *gr* 120 Broadway  
 Bishop, E. N. *† e*  
     140 Forest, Stamford, Conn.  
 Bishop, H. Q. *† pa* Whittier  
 Bishop, L. E. *† gr* 609 W. 137  
 Bishop, W. *e* 414 Madison ave.  
 Bisland, J. E. *e* 1150 Ogden ave.  
 Bissel, K. L. *† ed* 170 W. 74

Bissell, R. K. *l* 464 W. 152  
 Bitterman, A. W. *e* 104 McLean ave., Yonkers  
 Bitterman, V. † *e* 38 Ft. Washington ave.  
 Bittermann, P. J., Jr. *e* 551 Knickerbocker ave.  
 Bittiner, L. E. † *e* 251 W. 92  
 Bitz, N. E. † *ed* 403 State, Hackensack  
 Bivings, F. L., *m* West Side Y. M. C. A.  
 Bixby, F. E. † *e* 87 Fourth ave., Newark  
 Bixler, J. S. *gr* 600 W. 122  
 Bjerregaard, G. A. † *ed* 541 W. 124  
 Bjornson, E. *e* 39 W. 25, Bayonne  
 Black, D. M. *l* 713 Oxford ave.  
 Black, F. R. *l* 423 W. 118  
 Black, G. P. *e* 903 Park ave.  
 Black, M. † *pa* 400 W. 118  
 Blackfan, L. L. † *gr* Furnald  
 Blackham, L. P. † *e* 25 William, Stapleton  
 Blackman, I. N. *c* 83 Williams ave., Bklyn.  
 Blackmore, L. † *e* 414 W. 121  
 Blackmore, R. B. *c* 414 W. 121  
 Blackstone, P. J. *e* Livingston  
 Blackwell, A. K. † *ed* 68 Liberty, Lodi, N. J.  
 Blair, H. F. *gr ed* 15 Warren ave., Palisade  
 Blair, I. † *pa* 139 S. 10, Newark  
 Blair, V. † *gr ed* 430 W. 119  
 Blaisdell, F. S., † *gr* 1091 Bushwick ave., Bklyn.  
 Blake, C. F. B. *e* 153 W. 84  
 Blake, H. K. *m* West Side Y. M. C. A.  
 Blakeman, G. † *e* 165 N. Fulton ave., Mt. Vernon  
 Blakslee, B. † *e* Bernardsville, N. J.  
 Blanchard, G. H. † *gr ed* 527 W. 121  
 Blanchard, P. V. *gr*  
 Blancke, M. I. † *pa* Linden, N. J.  
 Blankenship, A. C. *uncl* 537 W. 121  
 Blankenship, A. S. *gr ed* 537 W. 121  
 Blankenstein, M. M. † *e* 550 W. 157  
 Blasco, D. A. *c* 99 Rutland Rd., Flatbush  
 Blasenstein, J. *c* Hartley  
 Blasenstein, J. *m* 304 E. 103  
 Blatstein, F. M. † *ph* 736 W. 181  
 Blau, E. † *e* 35 Eckert ave., Newark  
 Blaustein, F. † *pa* Whittier  
 Blaustein, M. *m* 39 St. Joseph's ave., Yonkers  
 Blazier, A. W. *e* 178 Grove, Plainfield  
 Blee, A. E. † *e* 1219 Madison ave.  
 Bleich, A. M. *bu* 3120 Broadway

Blewett, M. M. † *pa* 105 W. 84  
 Bley, R. † *e* 575 W. 175  
 Blinder, A. *e* 924 E. 181  
 Bliss, J. Horace *m* 346 W. 57  
 Bliss, J. Herbert *c* 70 Morningside Dr.  
 Bliven, H. † *pa* 464 Riverside Dr.  
 Bliven, R. E. † *gr ed* 2226 Loring Pl.  
 Bliven, W. C. *e* 81 Leonard  
 Bloch, E. W. *c* 790 Riverside Dr.  
 Bloch, G. S. *c* 790 Riverside Dr.  
 Bloch, M. *c* 416 W. 122  
 Block, B. F. *c* 39 Clinton, Newton, N. J.  
 Block, F. J. *e* Ellis Island  
 Block, F. R. *gr* 423 W. 118  
 Block, H. *c* 404 W. 116  
 Block, M. B. † *e* 82 W. 12  
 Block, V. E., Jr. *e* 4430 Park ave.  
 Blockstone, P. J. *e* Livingston  
 Blodgett, A. R. *bu* Hartley  
 Blodgett, U. S. *e* 520 W. 123  
 Bloom, A. E. *ph* 110 E. 108  
 Bloom, P. *e* 236 Clinton  
 Bloomer, M. J., Jr. *c* 325 W. 108  
 Bloomfield, G. *c* 419 W. 119  
 Bloor, E. G. *m* 151 W. 64  
 Blossom, N. † *e* Furnald  
 Blout, M. † *b* 680 West End ave.  
 Bludinger, I. *e* 879 Freeman  
 Bluestone, M. A. *m* 215 E. Broadway  
 Blum, K. A. *m* 59 Center, Orange  
 Blum, R. J. *l* Hartley  
 Blume, W. R. *e* 1269 Madison ave.  
 Blumenfeld, M. † *e* 790 Riverside Dr.  
 Blumenkrohn, S. † *e* 547 Riverside Dr.  
 Blumenthal, F. † *gr ed* 127 W. 112  
 Blumenthal, I. † *e* 555 Park ave.  
 Blumenthal, L. † *e* 10 W. 76  
 Blumenthal, M. *e* 531 W. 151  
 Blumer, C. † *e* 550 W. 153  
 Blumgarten, C. † *pa* 1114 Madison ave.  
 Blumgarten, S. L. † *e* 1114 Madison ave.  
 Blumstein, J. F. † *pa* 365 W. 120  
 Blunck, C. F. E. *e* Mt. Sinai Hospital  
 Blüss, M. K. A. † *pa* 29 So. B, Irvington-on-Hudson  
 Bluth, I. † *e* 205 W. 140  
 Boak, J., Jr. *gr* 346 Main, New Rochelle  
 Boardman, A. E. † *gr ed* 981 Madison ave.  
 Boas, G. M. † *b* 230 Franklin Ave., Grantwood  
 Boas, H. M. † *gr* 230 Franklin ave., Grantwood

- Boatwright, E. M. † *pa* Whittier  
 Bochco, R. *e* 1043 Boston Rd.  
 Boday, J. *e* 337 E. 69  
 Bode, M. A. † *b* 9 Hudson, Hackensack  
 Bodin, H. *c* 103 W. 127  
 Bodler, S. L. † *e*  
 1104 Gipson Pl., Far Rockaway  
 Bodkin, L. G. *c* 290 Clinton ave., Bklyn.  
 Bodnar, J. A. *e* 173 E. 87  
 Boeck, C. F. *me* Livingston  
 Boenau, T. C., Jr. *ph*  
 215 Garfield Pl., Bklyn.  
 Bogardus, M. † *e* 415 W. 118  
 Bogart, M. T. † *pa* Whittier  
 Boice, W. S. *e* 54 Caroline ave., Yonkers  
 Boggs, K. P. † *ed* 430 W. 119  
 Boguslau, E. † *e* 530 W. 147  
 Bohan, I. A. *e* 532 Second ave.  
 Bohling, A. A. † *e* 1007 Southern Blvd.  
 Bohm, F. J. † *ed* 617 W. 113  
 Bohn, M. C. † *gr* 135 E. 52  
 Boice, W. S. *e* 54 Caroline ave., Yonkers  
 Bolger, K. D. † *e* 620 W. 122  
 Bolling, A. † *e* 67 W. 8  
 Bolognesi, A. L. *c* 8 Poplar, Brooklyn  
 Bolotin, M. *c* Livingston  
 Bolowicz, F. W. *l*  
 Bolte, J. K. *me* Hartley  
 Bolwell, R. W. *gr* Livingston  
 Boman, J. S. *gr* 132 E. 92  
 Bond, G. A. † *j* Furnald  
 Bond, F. G. † *pa* 527 W. 121  
 Bond, W. M. *gr* Hartley  
 Bonderefsky, M. A. *ph* 120 W. 44  
 Bondy, C. P. *e* 1168 First ave.  
 Bonime, F. R. † *e* 801 Southern Blvd.  
 Bonime, R. G. *c* Hartley  
 Bonnell, W. L. *e*  
 24 Washington Terr., East Orange  
 Bonney, M. T. † *gr* Furnald  
 Bonnlander, V. C. *gr* Chelsea Sq.  
 Bonoff, L. † *e* 540 Ocean ave., Bklyn.  
 Bonoff, M. † *e* 540 Ocean ave., Bklyn.  
 Bonsall, E. L. † *pa* 544 W. 157  
 Bonshof, H. M. † *e* 600 W. 144  
 Bontempi, J. † *e* Englewood Cliff, N. J.  
 Booker, W. H. A. *e* 347 W. 36  
 Boone, W. *e* 111 W. 137  
 Booth, E. A. † *pa* 501 W. 120  
 Booth, M. E. † *e* 30 Center, City Island  
 Boquist, W. J. *e*  
 589-13th, West New York  
 Borchard, B. P. *e* 418 Central Park West
- Borchard, F. D. † *e*  
 418 Central Park West  
 Borden, A. J. † *b* 13 W. 54  
 Borden, M. A. † *gr ed*  
 271 Grant ave., Grantwood  
 Borgenicht, L. † *e* 1475-52nd, Bklyn.  
 Borgenicht, M. *e* 150 W. 80  
 Borklund, C. A. *gr ed* 242 E. 202  
 Borré, H. J. † *b* 2107 Bedford ave.  
 Borshaw, H. *m*  
 512 Washington, Hoboken  
 Borst, H. C. † *b* 99 Claremont ave.  
 Bortman, B. M. † *e* 106 Morningside Dr.  
 Bosak, J. M. † *pa* Whittier  
 Bostrom, E. F. *e* Kenilworth, N. Y.  
 Bostwick, W. F. † *b* 612 W. 115  
 Bosworth, M. B. † *gr ed* 420 W. 119  
 Botbyl, W. G. *e* 71 E. 16, Paterson  
 Botello, A. *e* 218 W. 128  
 Botsford, W. *c* 630 W. 135  
 Botthof, R. † *e* 2012 Daly ave.  
 Boudin, H. A. H. † *e* 523 W. 122  
 Boughton, M. † *pa* 1 W. 64  
 Bousfield, E. G. † *ed* 2696 Heath ave.  
 Bousquet, L. R. G. *e* 107 Halsey, Newark  
 Bowie, L. V. † *pa* Lake ave., New Rochelle  
 Bowden, W. C. *e* 20 Grand ave., Bklyn.  
 Bowdle, B. F. † *gr ed* 501 W. 121  
 Bowen, G. M. † *e* 1230 Amsterdam ave.  
 Bowen, R. J. *c* Hartley  
 Bower, C. M. † *e* 605 W. 137  
 Bowers, E. S. *e* 516 W. 174  
 Bowers, F. C. *l* 51 E. 129  
 Bowie, E. W. † *j* Brooks  
 Bowitz, B. *c* 14 Morningside ave.  
 Bowles, G. S. † *gr* 152 E. 40  
 Bowman, H. N. *e* 523 W. 122  
 Bowman, N. C. † *gr* 527 W. 121  
 Bowman, R. F. *e* 422-56th, Bklyn.  
 Bown, J. C. *m* 27 W. 61  
 Boxer, P. S. *ph* 583 Claremont Pkwy.  
 Boyarsky, I. E. *m* 39 Jackson, Passaic  
 Boyce, E. R. † *pa* 519 W. 121  
 Boyd, O. A. † *gr* 259 Decatur, Bklyn.  
 Boyer, E. C. † *gr* 400 W. 118  
 Boyer, S. E. † *gr ed* 416 W. 122  
 Boylan, M. † *e* 459 W. 23  
 Bracken, M. † *e* Westfield, N. J.  
 Bradin, J. M. † *e* 640 Madison ave.  
 Bradner, C. M. † *ed* Furnald  
 Bradshaw, B. B. † *gr*  
 11 Edgewood La, Palisade  
 Bradshaw, F. M. † *gr* Whittier

Bradshaw, M. J. *† gr*  
11 Edgewood La., Palisade  
Brady, J. W. *gr ed*  
Brady, K. *† e* 225 W. 14  
Brady, M. S. *† e* Palisade  
Bragdon, C. S. *gr ed*  
69 Fifth ave., New Rochelle  
Brahdy, M. *c* 94 Seventh ave., Bklyn.  
Brainard, E. S. *mec* Hartley  
Brakeley, E. *† gr* Furnald  
Brand, E. J. *ph* 158 Main, White Plains  
Brand, E. R. *† b* 120 E. 95  
Brand, F. *† e* Red Bank  
Brand, R. D. *† e* 333 Central Park West  
Brandeis, C. *† e* 60 W. 129  
Brandeis, F. *c* 156 W. 121  
Brandstein, J. S. *c* 1151 Longfellow ave.  
Brandt, E. *† e*  
305 S. Orange ave., Newark  
Brandt, L. R. *† gr* 100 Morningside Dr.  
Brandt, M. A. *gr ed* 800 Ocean ave. Bklyn.  
Branner, E. C. *† pa* 420 W. 121  
Brannin, N. *† ed*  
9 Valley Dr., Atlantic Highlands  
Brauer, M. V. *† pa* 417 W. 114  
Brauman, R. *† gr* 630 E. 170  
Braun, C. W. *l* Livingston  
Braunstein, D. *c* 601 W. 172  
Bray, J. R. D. *e* 195 Claremont ave.  
Brayton, L. *† gr* 36 Ingraham Pl., Newark  
Breakstone, R. *m* 9 Suffolk  
Breakstone, S. *e* 1652 Weeks ave.  
Brebberman, A. *e* 523 W. 134  
Brecker, A. *ph* 434 Bushwick ave., Bklyn.  
Breed, E. B. *† e* 440 Riverside Dr.  
Breen, H. A. *e* 100 Hamilton Pl.  
Brehm, W. F. *c* Hartley  
Breiting, R. L. *† e* 506 W. 170  
Breitbart, J. *ph* 249 Stanton  
Bremer, M. A. *† gr ed* 419 W. 110  
Breneman, J. H. *gr ed* 317 W. 121  
Brennan, F. M. *† e* 211 E. 68  
Brennan, H. M. *c* 143 W. 75  
Brennan, P. V., Jr. *e* 211 E. 68  
Brennecke, E. *gr* 168 W. 100  
Brenner, A. R. *† e* 18 E. 8  
Brenstedt, J. F. *† e* Hotel Willard  
Brenstedt, W. *† e* 252 W. 76  
Brereton, B. *† e* 507 W. 147  
Bresky, H. *c* 2397 Grand Concourse  
Bretschneider, G. G. *† e* 445 E. 88  
Bretschneider, W. E. *e* 445 E. 88  
Brett, A. *† uncl* 169 Barclay St., Flushing

Brett, E. M. *† ed* 169 Barclay, Flushing  
Bretz, A. *† e* 5 E. 12  
Breuning, M. W. *† e* 450 Riverside Dr.  
Brewer, F. *m* 346 W. 57  
Brewer, I. *† gr ed*  
29 Union ave., Mamaroneck  
Brewster, W. H. *c* 40 Morningside ave.  
Brezovsky, C. W. *ph*  
177 Highland, Port Chester  
Brice, E. M. *† uncl*  
College of New Rochelle, New Rochelle  
Brice, L. K. *† pa* 144 E. 19  
Brickmann, N. P. *† e* 678 St. Nicholas ave.  
Bridge, E. C. *† e* P. S. No. 23  
Bridge, S. H. *† pa* 504 W. 112  
Bridges, M. A. *m* 148 W. 74  
Bridgman, E. T. *† pa* Pelham  
Brieant, C. LaM. *m* Furnald  
Briggs, A. B. *† ed* 505 W. 121  
Briggs, B. T. *e* 547 W. 123  
Briggs, C. *† e* 118 W. 57  
Briggs, D. M. *† ed*  
336 Paulison ave., Passaic  
Briggs, F. *† ed* 101 Ascension, Passaic  
Briggs, G. W. *† ed*  
42 Grand ave., Englewood  
Briggs, M. S. *† pa* Whittier  
Brighton, G. R. *e*  
26 Virginia ave., Jersey City  
Brill, B. L. *† b* 418 Central Park West  
Brimhall, D. R. *gr* 435 W. 119  
Brimhall, L. E. *† uncl* 435 W. 119  
Brinberg, L. N. *† e* 1467-49th, Bklyn.  
Brinck, L. G. *† ed* 60 Northern ave.  
Brinckerhoff, A. M. *† gr ed*  
670 Lexington ave.  
Bring, R. *† e* 77 Second ave.  
Brinig, M. *e* 412 W. 115  
Brink, L. *† gr* 29 Convent ave.  
Brison, M. J. *† gr ed* 509 W. 122  
Bristol, R. M. *gr ed* 520 W. 124  
Broader, M. R. *e* 101 W. 58  
Brocken, M. *† e* Westfield, N. J.  
Brockner, L. *e* 244 W. 116  
Brockett, E. G. *† gr ed* Whittier  
Brockman, M. E. *† e* 619 W. 127  
Brockway, D. *† b* 35 W. 38  
Broder, A. J. *e* 224 Rodney, Bklyn.  
Broder, S. *e* 1553 Minford Pl.  
Broderick, K. M. *† pa*  
355 Pacific ave., Jersey City  
Brodie, H. *† pa* 147-85th, Bklyn.  
Brodie, N. L. *mec* 542 Gates ave., Bklyn.

- Brody, N. S. *e* 1045 Herkimer, Bklyn.  
 Brogan, E. M. *† e* 150 W. 130  
 Bronson, F. C. *† e* 621 Fifth ave.  
 Brookes, E. M. *† pa* 414 W. 121  
 Brookfield, M. H. *† e* 252 Ridge, Newark  
 Brookman, K. B. *† e*  
     St. Peters Rectory, Morristown  
 Brooks, C. *† e* 415 W. 118  
 Brooks, H. F. *† pa* Furnald  
 Brosnan, K. T. *† b* 501 W. 169  
 Brosnan, L. J. *l* 130 W. 78  
 Brough, F. *† pa* Whittier  
 Broughton, L. E. *† gr ed* 431 W. 121  
 Broiin, M. S. *m* 346 W. 57  
 Brout, H. *e* 1770 Madison ave.  
 Browd, V. L. *m* 601 W. 150  
 Browdy, B. *e* 86 Franklin  
 Browdy, S. C. *e* 222 W. 122  
 Brown, A. *e*  
     c/o Perin & Marshall, 2 Rector  
 Brown, A. *† ed* Furnald  
 Brown, A. *† pa* 419 W. 110  
 Brown, A. E. *† gr ed* 523 W. 122  
 Brown, A. L. *† e* 69 Mission, Montclair  
 Brown, C. *† e* 240 W. 132  
 Brown, C. *† ed* 221 Ave. F., Bklyn.  
 Brown, C. A. *m* West Side Y. M. C. A.  
 Brown, C. R. *m* 216 W. 89  
 Brown, D. H. *c* 800 E. 168  
 Brown, E. A. *† e* 934 Sterling Pl., Bklyn.  
 Brown, E. B. *gr*  
     11 Edgewood La., Palisade  
 Brown, E. B. *† pa* 1230 Amsterdam ave.  
 Brown, E. E. *† gr ed* 515 W. 122  
 Brown, E. J. *† e* 80 Hillside ave., Newark  
 Brown, E. K. *† ed* 416 W. 118  
 Brown, E. M. *† e*  
     175 Halsted, East Orange  
 Brown, F. F. *e* Kenilworth, N. J.  
 Brown, F. L. *† pa* Whittier  
 Brown, F. S. *† b* Brooks  
 Brown, G. A. *† gr ed*  
 Brown, G. D. *e* 175 Ninth ave.  
 Brown, G. L. *† gr ed* 414 W. 121  
 Brown, H. M. *† pa* 1 St. Nicholas Terr.  
 Brown, H. R. *† b* Brooks  
 Brown, H. W. *m* 435 W. 117  
 Brown, J. A. *† e* 519 W. 123  
 Brown, J. E. *† b* 223 W. 106  
 Brown, J. H. *e* 565 W. 113  
 Brown, L. A. *† e*  
     3 W. Park Pl., Rutherford  
 Brown, L. L. *† ed* 509 W. 122  
 Brown, M. A. *† e*  
     507 Stoothoff ave., Richmond Hill  
 Brown, M. E. *† e* 5 W. 129  
 Brown, M. E. *† pa* Whittier  
 Brown, M. M. *† pa* 36 E. 37  
 Brown, N. *† pa* 140 Claremont ave.  
 Brown, P. E., Jr. *pa*  
     19 N. Maryland ave., Port Washington  
 Brown, P. M. *† pa* 423 W. 120  
 Brown, R. *e* 250 W. 94  
 Brown, R. B. *gr* 432 E. 25  
 Brown, R. S. *† pa* 181 Claremont ave.  
 Brown, S. G. *ph* 238 Clinton  
 Brown, W. Barrett, *c* 627 W. 113  
 Brown, W. Bernard *c* 69 E. 123  
 Browne, E. H. *† e* 19 E. 89  
 Browne, L. *† e* 516 Gates ave., Bklyn.  
 Browne, R. *c* c/o Doubleday, Page & Co.,  
     Penn. Term. Sta.  
 Brownell, B. V. *† pa* 524 W. 124  
 Brownell, E. D. *† gr ed* Whittier  
 Brownfelder, J. C. *† e* 374 E. 164  
 Browning, G. E. *m* 437 W. 59  
 Browning, L. F. *† e* 1 W. 72  
 Brownlee, R. H. *e* 506 Concord ave.  
 Brubaker, R. *† b* Mountain View, N. J.  
 Brucar, M. *ph* 251 E. 10  
 Bruckheimer, M. *† e* 318 W. 100  
 Brunberg, E. W. *ph* Harrison  
 Brunella, R. A. *† e* 446 Central Park West  
 Brunswick, M. *e* 323 W. 75  
 Brush, D. L. *e* 492 Convent ave.  
 Brush, N. L. *† b* 375 Park ave.  
 Bruton, L. *† e* 501 W. 121  
 Bryan, A. M. *† gr* 149-81st, Bklyn.  
 Bryan, D. M. *† gr* 149-81st, Bklyn.  
 Bryan, J. B. *pa* 1207 Ave. V, Bklyn.  
 Bryan, L. T. *c* 633 W. 115  
 Bryan, M. A. *† e* 1207 Ave. V, Bklyn.  
 Bryant, G. *† m* 39½ Washington Sq.  
 Bucci, N. *l* 430 E. 155  
 Buch, E. *† b* 320 Central Park West  
 Buchakjian, L. H. *ed* 520 W. 123  
 Buchanan, A. C. *† e* 420 W. 116  
 Buchanan, J. E. *† gr* 43 Gramercy Park  
 Buchanan, O. C. *l* 420 W. 121  
 Buchman, A. S. *† b* 39 W. 85  
 Buchman, J. *m* 152 Rodney, Bklyn.  
 Buchman, L. *mec* 38 Bartlett, Bklyn.  
 Buck, B. I. *† pa* Whittier  
 Buck, O. L. *† ed* 19 Passaic, Hackensack  
 Buckbee, J. *† b* Metuchen, N. J.  
 Buckingham, E. L. *† gr* 515 W. 121



Buckley, D. M.  $\dagger e$   
Great Neck Station, N. Y.  
Buckley, G.  $\dagger gr ed$  Whittier  
Budds, M. H.  $\dagger e$  412 W. 115  
Budge, A. H.  $m$  117 W. 72  
Budge, S.  $m$  117 W. 72  
Budinoff, R. E.  $\dagger e$   
269 Schenectady ave., Bklyn.  
Bueffel, B. H.  $e$  426 E. 188  
Buehler, E.  $e$  273-61st, Bklyn.  
Buehler, E. A.  $\dagger e$  778 S. 10th, Newark  
Buehler, J. B.  $e$  680 St. Nicholas ave.  
Buell, J. B.  $gr$  Livingston  
Buermeyer, L. L.  $gr$  2040 Fifth ave.  
Buermeyer, M. D.  $\dagger pa$   
193 St. Johns Pl., Bklyn.  
Buland, G. L.  $l$  1120 Amsterdam ave.  
Bulkley, E. A.  $mec$  90 Bruce ave., Yonkers  
Bull, C. B., Jr.  $e$  420 W. 116  
Bullard, E. F.  $e$  612 W. 116  
Bullard, F. M.  $m$  97 Lawrence, Bklyn.  
Bullinger, F. H.  $e$   
Armour Villa Pk., Yonkers  
Bullis, J.  $\dagger pa$  419 W. 119  
Bullock, A. A.  $gr ed$  156 Fifth ave.  
Bullock, W. W.  $gr ed$   
273 Argyle Pl., Arlington, N. J.  
Bullwinkel, H. G.  $c$   
512 Greene ave., Bklyn.  
Bulmer, J. W.  $m$   
1210 Bushwick ave., Bklyn.  
Bunce, E. F.  $gr ed$   
68 Central ave., Lodi, N. J.  
Bunger, A. G.  $\dagger b$  Brooks  
Bunker, J. G.  $\dagger e$  184 Joralemon, Bklyn.  
Bunnekamp, W.  $c$   
104 Phelps ave., South Englewood  
Bunsick, P.  $e$  815 E. 170  
Bunting, N. H.  $e$  1733 Van Buren  
Bunzel, E. E.  $m$  302 W. 92  
Bunzel, R.  $\dagger b$  300 Central Park West  
Buonaguro, M. J.  $c$  852 Hart, Bklyn.  
Burchell, S. C.  $m$  563 W. 182  
Burde, D.  $ph$  1226 Boston Rd.  
Burdett, E.  $\dagger pa$  173 Park ave., E. Orange  
Burdick, H. E.  $\dagger pa$  Whittier  
Burdick, M. C.  $\dagger ed$  Stamford, Conn.  
Burfitt, M. E.  $\dagger e$  283 Rivington  
Burg, B. B.  $gr ed$  505 W. 127  
Burg, M.  $e$  459 W. 153  
Burger, A. L.  $c$  684 Third ave., Bklyn.  
Burger, C.  $e$  61 Broadway  
Burger, J. L.  $e$  438 Ninth ave., Astoria

Burgess, F. D.  $c$  39 Prospect, Newark  
Burgevin, C. L.  $\dagger e$   
Burke, A.  $\dagger gr ed$  514 W. 122  
Burke, B.  $\dagger gr ed$  414 W. 121  
Burke, B. A.  $\dagger gr$  Furnald  
Burke, E. J.  $\dagger gr ed$  Furnald  
Burke, K. D.  $c$   
989 Boulevard E, Weehawken  
Burke, M. J.  $\dagger e$  155 E. 54  
Burke, M. L.  $\dagger b$  415 W. 120  
Burke, S. P.  $mec$  3151 Sedgwick ave.  
Burke, V. P.  $ed$   
Burkhardt, A.  $e$  293 Lenox ave.  
Burleigh, E. L. E.  $\dagger e$  Pleasantville  
Burne, D.  $\dagger b$  50 Morningside ave.  
Burnett, E.  $\dagger pa$  Whittier  
Burns, A. E.  $c$   
35 Maple ave., Madison, N. J.  
Burns, A. S.  $\dagger pa$  507 W. 113  
Burns, C.  $\dagger b$  684 St. Nicholas ave.  
Burns, E.  $\dagger e$  251 Tompkins ave., Bklyn.  
Burns, H. G.  $\dagger e$  766 E. 175  
Burns, M.  $\dagger pa$  102 Convent ave.  
Burns, M. E.  $\dagger e$  33 Sidney Pl., Bklyn.  
Burns, M. E.  $\dagger b$  446 W. 164  
Burns, M. F.  $\dagger e$  415 W. 120  
Burns, M. R.  $\dagger pa$  Whittier  
Burns, R. L.  $gr ed$  Cliffside, N. J.  
Burns, R. R.  $e$  29 W. 84  
Burns, S.  $\dagger pa$  684 St. Nicholas ave.  
Burns, T. E.  $e$  122 W. 93  
Burr, E. R.  $\dagger e$  29 Claremont ave.  
Burris, M. C.  $\dagger gr$  419 W. 118  
Burroughs, M.  $\dagger b$  99 Claremont ave.  
Burrows, D. F.  $\dagger j$  Eltingville, N. Y.  
Burstein, E. M.  $c$  249 W. 130  
Burstein, J.  $c$  249 W. 130  
Burstein, J. J.  $\dagger e$  343 E. 142  
Burt, A. J.  $gr ed$  70 E. 94  
Burt, A. S.  $e$  226 Echo Pl.  
Burt, M. St. G.  $\dagger e$  425 W. 160  
Burton, H. B.  $undl$  253 W. 143  
Burton, N. M.  $\dagger e$  1987 Morris ave.  
Burt, J.  $gr ed$  292 Ryerson, Bklyn.  
Busch, I.  $m$  158 Ross, Bklyn.  
Busch, L. C. V.  $m$  346 W. 57  
Busch, S.  $\dagger e$  140 E. 92  
Bush, J. C.  $\dagger e$   
78 De Hart ave., Mariner's Harbor  
Bushell, C. G.  $\dagger pa$  Whittier  
Bushnell, W. G.  $\dagger b$  145 W. 58  
Busick, A.  $e$  436 W. 53  
Buss, J.  $ph$  363 Bushwick ave., Bklyn.

- Bussel, S.  $\dagger e$  1063 Morris ave.  
 Butler, B. M.  $\dagger gr ed$  423 W. 120  
 Butler, D.  $\dagger b$  14 Locust Hill ave., Yonkers  
 Butler, E. L.  $\dagger e$  858 Jewett ave., W. New Brighton  
 Butler, G. M.  $\dagger ed$  940 Newkirk ave., Bklyn.  
 Butler, J., Jr.  $e$  508 W. 158  
 Butler, M. J.  $\dagger e$  415 W. 120  
 Butler, V. P.  $m$  25 Monitor, Jersey City  
 Buttenbaum, F. D.  $c$  575 Jefferson Pl., Union, N. J.  
 Buttenheim, E. J.  $e$  Hastings-on-Hudson  
 Buttenheim, M. V.  $\dagger e$  Hastings-on-Hudson  
 Buttenwieser, B. J.  $c$  300 Central Park West  
 Butts, A. B.  $gr$  3120 Broadway  
 Butts, M. E.  $\dagger pa$  3120 Broadway  
 Buvington, R. M.  $\dagger b$  312 W. 75  
 Byce, F. T.  $\dagger e$  503 W. 121  
 Byran, A. M.  $\dagger uncl$  140-81st, Bklyn.  
 Byrne, L. M.  $\dagger b$  167 W. 76  
 Byrne, R. S.  $e$  1171 Fulton ave.  
 Byrnes, I. M.  $\dagger e$  246 Lenox Rd., Bklyn.  
 Byrnes, J.  $e$  238 E. 30  
 Byron, E.  $gr$  34 Warner ave., Jersey City  
 Caballero, R.  $pa$  419 W. 118  
 Cabana, A. E.  $\dagger b$  Brooks  
 Cabrera, L.  $\dagger e$  Hotel Marie Antoinette  
 Cadwell, M. C.  $c$  608 W. 113  
 Cadwgan, A. E.  $\dagger pa$  187 Schermerhorn, Bklyn.  
 Caesar, S.  $c$  Hartley  
 Caggiano, L.  $ph$  137 Vernon ave., Long Island City  
 Cagney, H. V.  $c$  420 E. 78  
 Cahill, E. H.  $e$  Bronxville  
 Cahill, J.  $gr$  742 Bushwick ave., Bklyn.  
 Cahill, M. F.  $\dagger gr$  2 Beekman Pl.  
 Cahn, A. M.  $c$  69 W. 97  
 Cairns, M.  $\dagger e$  396 E. 30, Paterson  
 Calderone, F. A.  $e$  112 Terrace ave., Hempstead  
 Calderwood, F. M.  $\dagger e$  418 W. 118  
 Calhoun, H. B.  $\dagger b$  247 Division ave., Hasbrouck Hts., N. J.  
 Calkins, C. D.  $gr$   
 Callahan, F. B.  $\dagger gr$  181 Academy, Long Island City  
 Callahan, W. S.  $c$  111 Nelson, Bklyn.  
 Callan, G.  $\dagger gr$  302 W. 97  
 Callan, M. G.  $\dagger e$  10 Sherman ave.  
 Callaway, C. W.  $c$  17 Summer, Orange  
 Callaway, T. T.  $\dagger ed$  523 W. 121  
 Calman, A. R.  $gr$  650 West End ave.  
 Calmbacher, L. F.  $\dagger e$  117 W. 92  
 Calvelli, V.  $ph$  305 E. 112  
 Calvert, W. E., Jr.  $e$  414 W. 119  
 Cameron, M. V.  $\dagger e$  260 Cumberland, Bklyn.  
 Cameron, S. P.  $\dagger e$  419 W. 119  
 Cammack, M. L.  $\dagger gr ed$  Whittier  
 Camp, C. W.  $c$  Southern Apt., South Newark  
 Campbell, A. L.  $e$  425 W. 214  
 Campbell, C. B.  $c$  1434 Bryant ave.  
 Campbell, D.  $e$  7 W. 108  
 Campbell, E. H.  $e$  176 W. 87  
 Campbell, E. K.  $\dagger pa$  528 W. 123  
 Campbell, H. B.  $c$  736 W. 181  
 Campbell, H. D.  $\dagger e$  344 E. 141  
 Campbell, I.  $\dagger pa$  404 W. 115  
 Campbell, J. R.  $c$  440 Riverside Dr.  
 Campbell, M. E.  $\dagger b$  503 W. 121  
 Campbell, M. F.  $m$  342 W. 56  
 Campbell, R. A.  $pa$  528 W. 123  
 Campbell, W. E., Jr.  $m$  346 W. 57  
 Campfield, M. C.  $\dagger e$  101 Wright, Newark  
 Campion, H. M.  $\dagger e$  471 Park ave.  
 Canapary, F. J.  $c$  952-73rd, Bklyn.  
 Canfield, G. C.  $\dagger pa$  Whittier  
 Cannon, E. E.  $\dagger b$  362 E. 30, Paterson  
 Cano, J.  $uncl$  416 W. 40  
 Canter, F.  $\dagger e$  Milltown, N. J.  
 Cantin, J. W.  $e$  295 Amity, Flushing  
 Canton, R.  $\dagger e$  340 W. 85  
 Cantor, B.  $gr$  Hartley  
 Cantor, M.  $e$  175 Henry  
 Cantwell, K. A.  $\dagger m$  Roosevelt Hospital  
 Capehart, W. J.  $e$  Livingston  
 Capek, T.  $c$  340 E. 198  
 Caplan, S.  $c$  1378 Boston Rd.  
 Capobianco, V.  $ph$  104 Classon ave.  
 Capocelli, G.  $\dagger gr$  510 W. 124  
 Caracciolo, V.  $ph$  787 E. 161  
 Carbonara, N. P.  $e$  169a Utica ave., Bklyn.  
 Carbonara, T. A.  $\dagger b$  169a Utica ave., Bklyn.  
 Carey, C. L.  $\dagger b$  Luddington Rd., W. Orange  
 Carey, F.  $\dagger e$  219 Aycrigg ave., Passaic  
 Carey, H. F.  $l$   
 Carey, J. F.  $e$  55 Hanson Pl., Bklyn.  
 Carey, R.  $\dagger pa$  5 Livingston ave., Yonkers

- Carey, S. W. III *uncl*  
Luddington Rd., W. Orange
- Carhart, G. M. † *b* Brooks
- Carim, J. *e* 47 W. 37
- Carll, F. S. † *gr ed* 523 W. 121
- Carll, S. E. † *j* 106 Morningside Dr.
- Carlock, A. L. † *pa*  
181 Terrace ave., Hasbrouck Hts., N. J.
- Carlson, C. O. *gr* 605 W. 111
- Carlton, E. C. † *ed* 845 Lake, Newark
- Carluccio, C. *e* 723 Adams, Hoboken
- Carman, H. J. *gr* 420 W. 118
- Carman, M. C. † *e*  
602 Crescent ave., Plainfield
- Carman, M. D. † *e* 417 Manhattan ave.
- Carmody, M. R. † *b*  
212 Primrose ave., Mt. Vernon
- Carnes, M. *m* 540 W. 122
- Carney, H. L. † *e* Whittier
- Carney, M. † *ed* 434 W. 120
- Carney, M. M. † *e* 528 W. 142
- Caro, A. *e* 1581-1st ave.
- Carofiglio, L. E. *c* 53 E. 115
- Carothers, F. E. † *gr* 1154-49th, Bklyn.
- Carothers, M. I. † *pa* Furnald
- Carothers, W. H. *gr ed* 422 W. 115
- Carpé, M. † *e* 1161 Amsterdam ave.
- Carpenter, F. *m* 318 W. 47
- Carpenter, H. L. *e* 1 Madison ave.
- Carpenter, M. † *e* 79 Wall
- Carpinello, E. A. *m* 1862 W. 8, Bklyn.
- Carr, E. F. † *b* 831 Carroll
- Carr, M. † *e* 831 Carroll, Bklyn.
- Carr, M. D. † *e* Great Neck, L. I.
- Carr, M. E. † *e* 440 Riverside Dr.
- Carr, M. F. † *gr ed* 831 Carroll, Bklyn.
- Carr, R. E. *uncl* Chelsea Sq.
- Carrigan, L. J. *l* 315 W. 98
- Carris, H. E. † *pa* 420 W. 121
- Carrison, E. † *pa* 417 W. 120
- Carroll, D. D. *e* 511 E. 69
- Carroll, H. C. † *e*  
46 Morningside ave., Yonkers
- Carroll, J. E. *c* 7 Parcell, Elmhurst
- Carroll, J. E. † *e* 740 West End ave.
- Carroll, L. *e* 197 Elm, New Rochelle
- Carroll, M. E. † *ed* 1230 Amsterdam ave.
- Carroll, P. F. *c* Hartley
- Carroll, T. J. *bu* 200 Claremont ave.
- Carson, C. † *e* Hotel McAlpin
- Carson, K. D. † *e* 18 St. Nicholas ave.
- Carter, A. † *b* 2 E. 127
- Carter, A. E. † *ed* 438 S. 4 ave., Mt. Vernon
- Carter, A. F. † *uncl* 537 W. 121
- Carter, D. † *gr ed* 106 Morningside Dr.
- Carter, H. L. † *pa* Whittier
- Carter, J. A., Jr. *e* 611 W. 180
- Carter, R. *c* Hartley
- Carter, R. F. *m* 8 E. 3
- Carter, T. F. *gr ed* 106 Morningside Dr.
- Cartron, M. † *e* 119 E. 29
- Caruso, D. R. *e* 143 Garside, Newark
- Caruso, R. J. *m* 19 Hoyt, Newark
- Caryl, E. E. † *e* 419 W. 119
- Casamajor, M. † *e*  
372 Greene ave., Bklyn.
- Casares, E. J. *me c* 100 W. 73
- Case, F. † *e* 128 W. 74
- Case, I. H. *e* 960 E. 163
- Casey, A. D. † *e* 1113 E. 15, Bklyn.
- Casey, C. † *gr ed* 420 W. 121
- Casey, J. C. † *e* Furnald
- Casey, M. K. † *e*  
49 Queens Blvd., Elmhurst
- Cash, S. A. *e* 419 W. 115
- Cashman, G. A. *m* 346 W. 48
- Caskey, E. J. † *ed* Furnald
- Caskey, T. L. † *e*  
48 Petrie, Bridgeport, Conn.
- Cassasa, A. B. *m* 419 W. 147
- Cassese, V. *ph* 274 Andrew
- Cassidy, A. † *e* 537 W. 121
- Cassidy, F. † *e* 430 W. 118
- Cassidy, G. *e* 62 Washington Mews
- Cassidy, P. S. † *uncl*  
62 Washington Mews
- Cass-Papazian, G. W. *c* 510 W. 140
- Castello, F. W. † *pa*  
125 Clifton Pl., Bklyn.
- Castillo, T. de J. † *gr* 106 Morningside Dr.
- Castle, E. S. † *b* Brooks
- Caswell, C. A. † *e* 7 Toledo, Elmhurst
- Catalano, J. S. *c* 110 W. Houston
- Catlin, G. V. † *e*  
266 Atlantic ave., Lynbrook
- Catlin, M. C. † *gr ed*  
207 Greene ave., Bklyn.
- Catlin, M. H. † *b* 106 Morningside Dr.
- Cattell, P. † *e* 417 W. 118
- Catsanos, A. *e* 101 Park ave.
- Cauchois, L. † *e* 405 W. 117
- Cauchois, M. † *e* 405 W. 117
- Cauldwell, O. † *b* Hartsdale
- Cavanagh, M. E. † *e* 600 W. 142
- Cavanagh, M. M. † *gr ed*  
193 Aycrigg ave., Passaic

- Cavanaugh, A. G. † *e* 51 Hamilton Pl.  
 Cawl, M. A. *e* 336 Pennington ave., Passaic  
 Cawley, A. J. *e*  
 Cedar, G. † *e* 1440-50th, Bklyn.  
 Celano, J. V. *ph* 317 E. 116  
 Cendoya, M. C. † *e* 616 W. 116  
 Censer, M. *e* 605 W. 141  
 Center, A. B. † *pa* 434 W. 120  
 Ceraso, G. *ph* 266 W. 132  
 Cerf, B. A. *c* 790 Riverside Dr.  
 Cesareo, I. *ph* Forest ave., Englewood  
 Chabarowsky, J. *c* 1592 Eastern Pkwy., Bklyn.  
 Chafey, J. H. *e* 15 Ridgewood Rd., Maplewood, N. J.  
 Chalmers, R. D. † *b* 2654 Marion ave.  
 Chamberlain, A. B. † *b* 400 Riverside Dr.  
 Chamberlain, N. L. † *pa* 519 W. 121  
 Chamberlin, E. C. *e* 603 W. 184  
 Chambers, I. McA. † *gr ed* 546 W. 124  
 Chambers, K. *e* 324 W. 71  
 Chancellor, M. L. † *e* 509 W. 121  
 Chandler, A. H. † *gr* 423 W. 120  
 Chandler, F. A. *m* 318 W. 57  
 Chandler, G. L. † *e* 50 Nevins, Bklyn.  
 Chandler, M. H. † *gr ed* Whittier  
 Chaney, J. B. *c* 251 W. 92  
 Chang, C. *gr* 401 W. 118  
 Chang, C. Y. *c* Livingston  
 Chang, H. H. † *gr* 110 Morningside Dr.  
 Chang, K. C. *a* 110 Morningside Dr.  
 Chang, P. *gr ed* Livingston  
 Chang, S. Y. *ed* Livingston  
 Chang, T. Z. *l* Livingston  
 Chang, Y. *c* 1120 Amsterdam ave.  
 Chang, Y. C. *c* Livingston  
 Chang, Z. L. *gr ed* Livingston  
 Chapel, D. † *e* 661 Mansfield Pl.  
 Chapell, H. † *e* 7 Gramercy Park  
 Chapell, H. S. † *e* 144 Bloomfield ave., Passaic  
 Chapin, H. S. *c* 38 Ft. Washington ave.  
 Chapin, M. K. † *e* 603 W. 140  
 Chaplin, E. † *pa* 537 W. 121  
 Chapman, H. *e* 72 John, Englewood  
 Chapman, H. B. † *gr ed* 4 Valley Pl., Edgewater  
 Chapman, L. G. † *pa* Furnald  
 Chapman, W. *c* 114 Lafayette ave., Bklyn.  
 Chaput, G. R. *c* Hartley  
 Charles, S. M. † *gr ed* 31 W. 121  
 Charlson, E. H. † *e* 601 W. 138  
 Charlton, A. B. † *gr ed* Furnald  
 Chasan, I. *m* 52 Maspeth ave., Maspeth  
 Chase, A. E. *gr ed* 3675 Broadway  
 Chase, E. † *e* 1230 Amsterdam ave.  
 Chase, E. P. † *gr ed* Whittier  
 Chase, E. W. † *e* 160 Claremont ave.  
 Chase, F. L. † *ed* 523 W. 121  
 Chase, J. K. † *b* 607 W. 116  
 Chassell, C. F. † *gr ed* 519 W. 121  
 Chassell, L. M. † *gr ed* 519 W. 121  
 Chassevent, G. R. *e* 429 W. 154  
 Chatfield, A. † *e* 527 W. 121  
 Chatterton, M. L. † *e* 3 Post, Yonkers  
 Chavkin, C. I. *ph* 266 Cherry  
 Checchia, T. † *ph* 651 Washington  
 Cheesman, C. L. † *b* 17 W. 69  
 Cheetham, D. B. *m* 200 W. 85  
 Cheifetz, S. † *gr ed* 1615 University ave.  
 Chelimer, H. J. *e* 18 W. 123  
 Chen, G. P. *a* 2 E. 128  
 Chen, H. C. *gr ed* Livingston  
 Chen, P. W. *gr* Hartley  
 Chen, Y. M. *gr* Hartley  
 Cheney, M. L. † *gr ed* 26 Mountain ave., Edgewater  
 Cheng, Y. G. † *gr* Hartley  
 Cheng, T. H. *gr ed* Livingston  
 Cherkasky, N. *c* 752 Kelly  
 Chermak, L. *e* 508 W. 134  
 Chernin, I. *ph* 1526 Washington ave.  
 Chessington, P. G. *uncl* 258-95th, Bklyn.  
 Cheu, B. L. *bu* Hartley  
 Chew, E. M. † *pa* Whittier  
 Chick, M. E. † *ed* 156 W. 80  
 Child, G. † *ed* 21 Branch ave., Red Bank  
 Childs, C. † *e* 201 W. 105  
 Childs, M. E. † *b* 430 W. 119  
 Chilton, T. H. *c* 106 Northern ave.  
 Chin, Y. L. *gr* 547 W. 123  
 Chinn, M. E. † *pa* 145 W. 138  
 Chipken, I. S. *gr ed* 126 W. 115  
 Chipley, W. G., Jr. *c* 618 W. 114  
 Chipman, E. S. † *e* 15 Central ave., S. I.  
 Chirgwin, H. *uncl* 550 W. 114  
 Chisholm, H. E. † *e* 336 W. 77  
 Chisley, M. L. † *gr* 446 Ocean ave., Bklyn.  
 Chittenden, A. P. † *ed* 2350 Broadway  
 Choffy, S. *e* 161 Bidwell ave., Jersey City  
 Chollar, S. V. † *e* 503 W. 121  
 Chow, T. K. *e* 415 W. 115  
 Christie, A. M. *gr* 130 Claremont ave.  
 Christie, H. A. † *ed* Roselle, N. J.  
 Christmann, L. J. *gr* 2120 La Fontaine ave.

- Christoffers, C. *c* 299 E. 4, Bklyn.  
 Chung, K. T. *bu* 542 W. 124  
 Churton, E. *† pa* 503 W. 121  
 Cihlar, E. M. *† e* 96 Hoyt ave., Astoria  
 Ciu, D. G. *gr ed* 223 E. 31  
 Ciurlionis, P. *e* 446 Manhattan ave.  
 Claman, I. *c* 790 Riverside Dr.  
 Clapp, M. N. J. *ph* 60 Sullivan  
 Clapp, P. E. *gr* Livingston  
 Clapp, S. A. *c*  
 131 Washington, East Orange  
 Clarey, R. F. *† e*  
 52 Green ave., Madison, N. J.  
 Clark, A. L. K. *† pa* 527 W. 143  
 Clark, B. W. *† gr ed* 235 E. 18  
 Clark, C. *† e* 239 Central Park West  
 Clark, C. L. *† gr ed* 106 Morningside Dr.  
 Clark, C. N. *† e* 24 E. 94  
 Clark, E. A. *† e* 503 W. 121  
 Clark, E. H. *† gr ed* Furnald  
 Clark, E. K. *† pa* Furnald  
 Clark, E. T. *c* Hartley  
 Clark, F. *† e* 135 E. 52  
 Clark, F. J. *e* 500 W. 143  
 Clark, F. R. *† gr* 723 W. 177  
 Clark, H. G. *ph*  
 Clark, H. W. *gr ed*  
 535 Hillcrest ave., Westfield, N. J.  
 Clark, I. E. *† e* 326 Paulison ave., Passaic  
 Clark, J. C. *† b* 448 Riverside Dr.  
 Clark, J. M. *† gr ed* 515 W. 121  
 Clark, J. P. *gr ed* 7 Glenada Pl., Bklyn  
 Clark, L. *† b* 137 E. 57  
 Clark, L. C. *e* 400 W. 118  
 Clark, M. G. *† gr ed*  
 22 Colonial Terr., Nutley, N. J.  
 Clark, M. L. *† b*  
 836 Undercliff ave., Edgewater, N. J.  
 Clark, R. *† uncl*  
 231 Sanford ave., Flushing  
 Clark, S. B. *† ed* 503 W. 121  
 Clark, S. L. *† e* 540 W. 122  
 Clark, T. M. *† ed* 424 W. 119  
 Clark, W. H. *† e* 248 W. 105  
 Clark, W. M. *† pa* Whittier  
 Clarke, A. M. *† e* 1 Northern ave.  
 Clarke, D. R. *† e*  
 219 Willett ave., Port Chester  
 Clarke, E. D. *† e*  
 155 Union ave., Mt. Vernon  
 Clarke, E. W. *m* 35 W. 84  
 Clarke, H. St. J. *† b*  
 52 Larch ave., Bogota, N. J.  
 Clarke, M. A. *† e* 101 W. 77  
 Clarke, M. H. *† e*  
 144 Stevens ave., Mt. Vernon  
 Clarke, M. J. *† gr* 27 Barrow  
 Clarkson, J. E. *e* 168 Stanley ave., Yonkers  
 Claster, B. *† pa* Whittier  
 Claster, J. R. *† pa* Whittier  
 Clausen, B. C. *gr* 50 E. 2, Mt. Vernon  
 Clausing, C. C. *† uncl* 135 E. 52  
 Clauss, F. R. *† e* 276 Governor, Paterson  
 Clay, E. *† pa* Whittier  
 Claydon, P. DeB. *m* 128 W. 4, Mt. Vernon  
 Claypoole, M. E. *† e*  
 2953 Boulevard, Jersey City  
 Clayton, M. *† pa* Whittier  
 Clayton, N. E. *† e* 103 Huron, Bklyn.  
 Cleary, E. H. *c* 538 W. 114  
 Cleaver, W. G. *gr ed*  
 Clement, L. Z. *† e* 2020 Broadway  
 Clemente, F. G. *c* 368 W. 50  
 Clendenin, R. *† b*  
 120 Vista Pl., Mt. Vernon  
 Cleves, E. F. *† e* 195 Harrison, Bklyn.  
 Clinton, R. L. *e* 1413 Williamsbridge Rd.  
 Clowes, H. C. *† gr ed*  
 84 Franklin, Hempstead  
 Cluffer, E. E. *e* 51 Manhattan ave.  
 Cluthouse, M. *† e* Croton Falls  
 Coates, E. L. *† b* 209 W. 107  
 Coates, W. C. *l* 419 Argyle Rd., Bklyn.  
 Coats, H. P. *gr* Hartley  
 Cobanks, A. *† b* 1479-50th, Bklyn.  
 Cobb, E. F. *† pa* Mamaroneck  
 Cobb, L. M. *† pa* 417 W. 120  
 Cobb, M. E. *† gr ed* 408 W. 115  
 Cobb, M. W. *† e* 1230 Amsterdam ave.  
 Cobban, E. S. *† b* 222 E. 239  
 Cobban, G. *bu* 222 E. 239  
 Cobbett, W. H. *e* 76 W. 85  
 Coburn, R. A. *gr*  
 810 Walnut, Richmond Hill  
 Cochran, D. A. *c* 546 W. 114  
 Cochran, E. *† e* 501 W. 122  
 Cochran, G. G. *m* 246-80th, Bklyn.  
 Cochran, J. P. *m* 421 W. 57  
 Cock, G. *a* 45 Bowers, Jersey City  
 Cockayne, W. D. *† gr ed* Furnald  
 Cocke, F. C. *† b* Brooks  
 Cocker, N. *† e* 224 Monitor, Bklyn.  
 Coe, M. W. *† pa* Whittier  
 Coen, V. *gr* 9 Montgomery  
 Coffey, A. M. *† e* 307 E. 31  
 Coffin, A. M. *† b* 519 West End ave.

- Coffin, H. † *e* 30 Remsen, Bklyn.  
 Coffin, M. E. † *pa* 9 Badeau Pl., New Rochelle  
 Coffman, M. † *gr ed* Fernald  
 Coffroth, K. H. *e* 666 St. Nicholas ave.  
 Cogan, P. H. *e* 616 W. 135  
 Cohen, A. *m* 313 Hamilton ave., Paterson  
 Cohen, A. *m* 754 Ninth ave.  
 Cohen, B. B. † *e* 508 E. 173  
 Cohen, C. M. † *pa* 606 W. 115  
 Cohen, D. † *e* 180 St. Nicholas ave.  
 Cohen, D. B. *m* 342 W. 57  
 Cohen, D. J. *c* 217 W. 110  
 Cohen, E. *c* 448 E. 15, Bklyn.  
 Cohen, E. † *pa* 543 Pavonia ave., Jersey City  
 Cohen, E. † *pa* Palisade  
 Cohen, G. *j* 135 Vernon ave., Bklyn.  
 Cohen, G. *ph* 57 Jefferson, Paterson  
 Cohen, G. † *e* 145 W. 111  
 Cohen, H. *a* 118 Vernon ave., Bklyn.  
 Cohen, H. *gr* 30 Bay 25, Bklyn.  
 Cohen, H. B. *c* 456 Bedford ave., Bklyn.  
 Cohen, H. E. *e* 309 E. 8  
 Cohen, J. *e* 145 W. 97  
 Cohen, J. H. *c* 9 Varet, Bklyn.  
 Cohen, J. I. *e* 47 Norfolk  
 Cohen, L. R. † *e* 1 W. 93  
 Cohen, M. *l* 301 W. 106  
 Cohen, M. *m* 946 Hoe ave.  
 Cohen, Max *e* 73 Ludlow  
 Cohen, M. B. *c* 801 West End ave.  
 Cohen, M. G. † *e* 846 Kelly  
 Cohen, M. J. *gr* 200 W. 145  
 Cohen, N. B. *c* 3 Catherine  
 Cohen, P. *m* 147 W. 66  
 Cohen, P. S. *e* 895 West End ave.  
 Cohen, S. *ph* 1842 Madison ave.  
 Cohen, S. L. *m* 159 W. 80  
 Cohen, W. A. *e* 2071 Fifth ave.  
 Cohn, A. *pa* 315 Central Park West  
 Cohn, A. B. *c* 220 W. 98  
 Cohn, C. † *gr* 78 W. 111  
 Cohn, D. J. *gr* 875 W. 181  
 Cohn, D. N. † *uncl* 40 E. 83  
 Cohn, E. M. † *j* 25 W. 123  
 Cohn, F. L. *e* 60 E. 66  
 Cohn, J. *c* 1942 Grand Concourse  
 Cohn, L. A. † *e* Scarsdale  
 Cohn, M. † *e* 205 E. 65  
 Cohn, N. S. *e* 271 W. 113  
 Cohn, P. L. *l* 604 W. 140  
 Cohn, P. V. † *gr* 726 Union ave.  
 Cohn, R. A. *c* 605 W. 115  
 Cohn, S. *c* 142 Livingston, Newark  
 Cohn, S. B. *e* 630 W. 139  
 Cokefair, A. J. *c* 104 Radford, Yonkers  
 Coker, D. † *gr* 430 W. 118  
 Colby, D. T. † *e* 2040 Seventh ave.  
 Cole, C. W. *e* 19 W. 44  
 Cole, E. E. † *e* 509 W. 121  
 Cole, E. H. *gr ed* 130 North ave., New Rochelle  
 Cole, E. M. † *gr* 242 W. 11  
 Cole, M. H. † *pa* Fernald  
 Colean, M. L. *c* Livingston  
 Coleman, C. † *e* 50 W. 68  
 Coleman, C. L. † *e* 539 Highland ave., Westfield, N. J.  
 Coleman, M. B. † *gr* 419 W. 119  
 Coleman, W. A. *gr ed* 407 Chestnut, Arlington, N. J.  
 Coley, B. L. *m* 340 Park ave.  
 Collamore, M. † *pa* 150 E. 72  
 Collentine, G. E. *m* 421 W. 57  
 Colligon, W. J. *e* 435 W. 117  
 Collins, A. E. † *ed* 70 Morningside Dr.  
 Collins, A. M. *c* 615 W. 141  
 Collins, A. V. *gr ed* Westbury  
 Collins, E. H. *c* Livingston  
 Collins, H. M. *e* 531 W. 113  
 Collins, J. *c* Hartley  
 Collins, K. E. † *gr* 347 Golden Hill, Bridgeport, Conn.  
 Collins, M. R. † *e* 63 W. 87  
 Collins, P. J. † *e* 1255-84th, Bklyn.  
 Collins, R. † *pa* Whittier  
 Collins, R. E. † *e* 617 W. 147  
 Collins, R. W. *gr* 600 W. 122  
 Collins, S. L. † *gr ed* 21 E. 63  
 Collins, V. D. *c* 550 Riverside Dr.  
 Collins, W. V. † *ed* 50 Nevins, Bklyn.  
 Collison, L. G. † *e* 130 Claremont ave.  
 Collison, R. C. *gr* 130 Claremont ave.  
 Colmar, A. *ph* 125 W. 33  
 Colony, R. H. † *b* Armour Villa Park, Bronxville  
 Colston, J. † *e* Barnard  
 Colton, A. B. † *e* 26 Stratford Pl., Newark  
 Colucci, E. C. † *b* 512 Classon ave., Bklyn.  
 Colwell, H. *e*, New York Orphanage, Hastings-on-Hudson  
 Comfort, D. A. † *e* 112 W. 73  
 Combs, A. H. *l*  
 Conant, G. E. † *pa* 527 W. 121  
 Conant, R. R. *c* 310 W. 89

Concialdi, J. G., Jr. *ph* Rockaway, N. J.  
 Condon, A. L. † *pa* 99 Claremont ave.  
 Condon, J. F., Jr. *c* 1403 Washington ave.  
 Condon, L. R. *c* 1403 Washington ave.  
 Condon, M. L. M. † *e* Dobbs Ferry  
 Cone, H. J. *c* 740 Riverside Dr.  
 Conger, E. † *pa* Whittier  
 Conklin, E. A. † *e* 593 Decatur, Bklyn.  
 Conklin, M. T. † *e* 159 E. 74  
 Conley, S. C. † *gr* 527 W. 121  
 Conlin, E. M. † *gr ed* Whittier  
 Conlon, M. A. † *gr ed*  
 9 Edgewood Park, New Rochelle  
 Conly, D. I. *c* 540 E. 76  
 Connell, J. N. *m*  
 977 Summit ave., Jersey City  
 Connelly, E. L. † *pa* Whittier  
 Connelly, W. N. *e* 15 Miller, Newark  
 Connor, D. B. † *b*  
 2 Winthrop ave., White Plains  
 Connor, E. M. † *e*  
 1 Winthrop ave., White Plains  
 Conrad, W. L. *mec* 435 W. 117  
 Conrad, W. R. *e* 106 Haven ave.  
 Conti, A. C. *e* 36 Highland ave., Yonkers  
 Conti, A. M. *c* 36 Highland ave., Yonkers  
 Converse, S. J. † *pa* 736 W. 181  
 Conway, A. † *pa* Whittier  
 Conway, E. D. † *b* Whittier  
 Conway, H. L. † *ed* 414 W. 120  
 Cook, G. E. † *gr* 53 E. 177  
 Cook, G. H. † *pa* 1104 Ditmas ave., Bklyn.  
 Cook, J. H. *gr ed* 547 W. 123  
 Cook, M. C. † *pa* Whittier  
 Cook, R. C. *c* Inwood  
 Cook, R. C. † *pa* 159 W. 105  
 Cook, S. R. *pa* 526 W. 122  
 Cook, V. B. † *a* 423 W. 120  
 Cooke, G. A. † *b* 523 Lorimer, Bklyn.  
 Cooke, L. E. † *e* 128 W. 74  
 Cooksey, C. I. † *b*  
 224 West Lincoln ave., Mt. Vernon  
 Cooley, B. † *e* 509 W. 121  
 Cooley, J. L. *j* 228 Audubon ave.  
 Cooley, M. B. † *e* 27 Main, Hempstead  
 Coombs, H. C. † *gr* 437 W. 59  
 Cooney, B. † *pa* 430 W. 119  
 Cooney, G. † *e* 343 Amity, Flushing  
 Cooper, F. *e* 215 W. 23  
 Cooper, F. E. *e* 468 Riverside Dr.  
 Cooper, F. M. † *ed* 208 Howard, Passaic  
 Cooper, G. A. S. *e*  
 530 Central ave., Newark

Cooper, J. *ph* 101 E. 115  
 Cooper, J. N. *e* 511 W. 143  
 Cooper, J. S. † *ph* 134 S. 9, Bklyn.  
 Cooper, K. M. † *pa*  
 350 Ocean ave., Bklyn.  
 Cooper, R. L. *e* 468 Riverside Dr.  
 Cooperman, S. *ph* 312 E. 8  
 Corbett, E. P. *e* 456 Mott ave.  
 Corbin, C. † *e* 7522-18 ave., Bklyn.  
 Corbin, E. L. † *pa* 164 S. Oxford, Bklyn.  
 Corio, G. A. *c* 43 Logan ave., Jersey City  
 Corn, B. *e* 1765 Broadway  
 Corn, P. A. *c* Bayside  
 Corneille, H. † *pa* 12 W. 103  
 Cornell, E. L. † *gr*  
 6740 Ridge Blvd., Bklyn.  
 Cornish, P. G. *m* 440 Riverside Dr.  
 Coronado, J. A. *l*  
 7701 Ridge Blvd., Bay Ridge  
 Corr, W. E. *gr* 139 W. 36  
 Corwin, E. E. † *m*  
 146 Second ave., Newark  
 Coryell, E. R. I. † *b* 1414 Vyse ave.  
 Cossow, A. † *b* 609 W. 191  
 Costello, H. L. *gr* 467 W. 143  
 Costosa, R. *l* 142 W. 21  
 Cotins, I. S. *e* 524 W. 151  
 Cotsifas, D. D. *e* 30 Church  
 Cottrell, I. † *e* 292 Varick, Jersey City  
 Coughlin, M. E. † *e* 415 W. 120  
 Coulter, J. E. † *ed* Grantwood  
 Coulter, M. M. † *gr* 1201 Carroll, Bklyn.  
 Coumbe, H. A. *c* 454-73rd, Bklyn.  
 Courtney, B. F. † *e* 160 E. 91  
 Courtney, H. † *e* 501 W. 120  
 Couse, E. W. † *pa* Whittier  
 Cowan, G. C. † *pa*  
 14 St. James Pl., Bklyn.  
 Cowan, P. E. *c* 62 E. 130  
 Cowden, B. C. † *gr ed* Furnald  
 Cowen, R. H. *mec* 565 W. 162  
 Cowen, R. I. *c*  
 32 Bay 31, Bensonhurst, Bklyn.  
 Cowie, J. H. *c* Hartley  
 Cowins, R. N. *e* 9 Union, Rahway, N. J.  
 Cox, C. P. *e* 507 W. 113  
 Cox, J. E. *e* 510 W. 124  
 Cox, M. L. † *b* 36 Grove, Cranford, N. J.  
 Cox, W. H. D. *c* Furnald  
 Coxley, I. H. † *pa*  
 300 Sip ave., Jersey City  
 Crabb, A. L. † *e* 419 W. 119  
 Crabb, A. L. *gr ed* 419 W. 119

- Crabtree, R. F. † *pa* Whittier  
 Craft, M. † *uncl* 420 W. 121  
 Craig, C. B. *e* 100 Hudson  
 Craig, H. M. † *e* 771 Lincoln Pl., Bklyn.  
 Craig, M. C. † *b* 420 W. 121  
 Craig, M. E. † *e* Furnald  
 Craig, R. C. *pa* Livingston  
 Craighill, R. P. † *gr ed* Furnald  
 Cramer, C. R. † *pa* Whittier  
 Cramer, E. M. † *pa* Whittier  
 Crampton, H. M. † *pa* 2880 Broadway  
 Crandall, L. M. † *b* 519 W. 123  
 Crandon, L. B. † *e* 509 W. 121  
 Crane, A. G. *gr ed* 86 Haven ave.  
 Crane, D. † *pa* Whittier  
 Crane, E. E. † *e* 2015 Bedford ave., Bklyn.  
 Crane, J. E. *gr ed* Butler, N. J.  
 Crane, I. P. † *e* 512 Morris ave., Elizabeth  
 Crane, L. *c* 40 Clinton, Bklyn.  
 Crane, T. F. *ph*  
 Cranz, F. O. † *e* 49 Park ave., Yonkers  
 Craske, H. *c* 634 Columbus ave.  
 Craver, F. † *e* 623 W. 170  
 Crawford, C. † *pa* 414 W. 121  
 Crawford, L. P. † *pa* 414 W. 121  
 Crawford, M. E. A. † *pa* Furnald  
 Crawford, S. W. *e* 2778 Morris ave.  
 Creamer, C. C. † *gr ed* Furnald  
 Creggan, G. M. † *e* 257 W. 129  
 Creighton, E. H. † *pa* 540 W. 122  
 Creighton, H. *e* 50 Broad  
 Creighton, V. L. *e* 697 Dawson  
 Crenshaw, W. *e* 128 W. 74  
 Crescenzi, T. *ph* 2228 First ave.  
 Cressy, E. H. *uncl* 600 W. 122  
 Crickmore, M. M. † *gr* 435 W. 119  
 Cripps, G. M. *b* Brooks  
 Crisman, B. M. † *e*  
 1 Vose ave., South Orange  
 Criswell, W. T., Jr. *e* 550 W. 157  
 Critzas, E. *mec* 166 W. 98  
 Croce, J. *m* 66 E. 122  
 Crocheron, M. G. † *pa*  
 318 Summit ave., Mt. Vernon  
 Crocker, N. J. † *e* 414 W. 121  
 Crocker, R. H. *c* Hartley  
 Crocker, W. M. *e* 30 E. 42  
 Crofut, A. A. † *e* 34 E. 32  
 Crogan, I. C. † *gr* 796 Ave. C, Bayonne  
 Crogan, M. M. † *gr* 796 Ave. C, Bayonne  
 Croll, V. † *pa* 262 S. 5th ave., Mt. Vernon  
 Crome, A. † *b* Belmont Hotel  
 Cron, G. P. *e* 336 Vine, Elizabeth
- Cron, H. A. † *pa* Furnald  
 Cronin, C. † *e* 329 W. 51  
 Cronin, H. L. † *gr ed* 266 Main, Hackensack  
 Cronin, L. T. † *pa* Furnald  
 Cronyn, G. W. *gr ed* 33 Ellison, Bronxville  
 Crookall, M. M. † *b* 155-81st, Bklyn.  
 Crosby, I. G. † *pa* 151 W. 76  
 Croselmire, N. S. † *pa* Whittier  
 Crossett, M. G. † *pa* 1230 Amsterdam ave.  
 Crothers, G. E. † *e*  
 596 Eastern Pkwy., Bklyn.  
 Crotty, M. F. *m* 28 W. 61  
 Crouch, E. M. *gr ed* 523 W. 122  
 Crounse, D. † *pa* 502 W. 122  
 Crouse, W. S. *gr ed* Leonia  
 Crow, C. S. *gr ed* 510 W. 124  
 Crowder, E. † *bu* 610 W. 116  
 Crowder, G. G. † *e* Furnald  
 Crowe, M. R. † *e* Harrison  
 Crowell, C. † *pa* Whittier  
 Crowell, J. E. † *ed* 419 W. 110  
 Crowell, W. G. † *uncl* 77 Beach, E. Orange  
 Crownover, L. W. † *e*  
 352 Lafayette ave., Bklyn.  
 Crozier, A. L. † *pa* 501 W. 121  
 Cruise, M. W. E. † *gr ed* Furnald  
 Crumby, M. G. † *ed* 130 Claremont ave.  
 Crusius, C. F. *gr* Hartley  
 Cruzat, M. A. *e* 235 W. 116  
 Crystal, S. † *e* 336 W. 71  
 Crystol, B. H. *m* 21 Morrell, Bklyn.  
 Cubberley, M. † *pa* 529 W. 123  
 Cuffee, A. J. *c* 169 E. 64  
 Cullen, J. J. F. *c* Short Hills, N. J.  
 Cullinan, I. † *e*  
 422-21st, West New York, N. J.  
 Culloton, B. A. *e* 311 W. 111  
 Culman, F. *e* 476 W. 143  
 Cumming, C. G. *gr* 600 W. 122  
 Cumming, H. M. † *pa*  
 1230 Amsterdam ave.  
 Cummings, J. *e* 17 Willow Pl., Yonkers  
 Cummings, S. M. † *m*  
 166 Montclair ave., Montclair  
 Cummins, R. A. *gr ed* 519 W. 121  
 Cummiskey, T. L. *e* 322 W. 55  
 Cunniffe, E. W. † *gr* 340 E. 194  
 Cunningham, S. T. *e* 215 W. 23  
 Cunningham, W. D. *l* 253 W. 99  
 Cuozzo, M. A. *e* 66 E. 116  
 Curnow, D. E. † *m* 342 Fourth, Bklyn.  
 Curnow, E. L. † *b* 342 Fourth, Bklyn.  
 Curnow, G. T. *c* 342 Fourth, Bklyn.



Curoe, P. R. V. *gr ed* 508 W. 158  
 Curran, C. L. † *e* 543 West End ave.  
 Curran, F. M. *c* 667 Ninth ave.  
 Curran, M. C. † *ed* 106 Morningside Dr.  
 Currey, M. † *pa* 609 W. 114  
 Currie, J. *e* 1068 Woodycrest ave.  
 Currier, A. A. † *e* 3 Prospect ave., Montclair  
 Currier, G. M. *gr ed* 230th & Johnson ave.  
 Currier, G. S. *m* 313 W. 102  
 Curry, A. C. *c* 300 W. 109  
 Curry, D. A. *c* 201 W. 98  
 Curry, E. M. † *b* 607 W. 116  
 Curry, M. L. † *gr* 609 W. 114  
 Curtin, L. P. *c* 617 W. 115  
 Curtis, E. D. † *e* 120 Boune ave., Flushing  
 Curtis, H. C. *m* 346 W. 57  
 Curtis, H. L. † *e* 106 Morningside Dr.  
 Curtis, K. H. † *e* 435 W. 119  
 Curtis, L. V. † *e* 423 W. 43  
 Curtiss, C. C. *c* 410 W. 115  
 Curtiss, D. K. † *b* Brooks  
 Cusack, A. L. † *e* 19 E. 128  
 Cusack, J. L. † *e* 19 E. 128  
 Cusack, J. T. *c* 19 E. 80  
 Cushing, A. J. † *e* 9 Hammond Pl., Elmhurst  
 Cushing, C. *gr* 600 W. 122  
 Cushman, L. A. *e* 318 W. 107  
 Cushman, L. M. † *pa* Riverdale-on-Hudson  
 Cushman, R. † *e* 420 W. 118  
 Cutler, A. R., Jr. *m* 457 Putnam ave., Bklyn.  
 Cutler, H. B. † *pa* 420 W. 121  
 Cutler, K. V. † *b* 1250 Stebbins ave.  
 Cutler, L. *ph* 46 Henry  
 Cutler, R. † *e* 513 Park ave., Bklyn.  
 Cutler, S. V. † *e* 787 Bedford ave., Bklyn.  
 Cuttrel, F. E. † *b* 1522-54th, Bklyn.  
 Czajka, L. *l* 143 Engert ave., Bklyn.  
 Czarnomska, M. E. J. † *gr* 417 W. 120  
 Dabney, E. P. † *e* 128 W. 74  
 Dahl, S. † *pa* 519 W. 121  
 Dahlberg, H. R. † *gr ed* 501 W. 120  
 Dahlgren, M. † *e* 15 E. 96  
 Dahlman, J. T. † *pa* 106 Morningside Dr.  
 Dailey, D. † *gr* 501 W. 121  
 Dailey, E. L. † *pa* Whittier  
 Daley, H. A. † *pa* 434 W. 120  
 Dalgliesh, A. † *ed* Reed House, Broadway & 121  
 Dalton, F. † *gr* 2754 Broadway  
 Dalton, I. E. G. † *gr* 2754 Broadway

Daly, H. † *pa* 192 Claremont ave.  
 Daly, M. A. † *e* 325 W. 46  
 Daman, E. M. † *e* 502 W. 113  
 Damico, F. A. *ph* 107 E. 127  
 Damm, H. C. † *e* 1156 Forest ave.  
 Damtoft, F. V. *ph* 98 Beechwood ave., Bridgeport, Conn.  
 Dana, A. † *e* 78 Battle ave., White Plains  
 Dana, G. V. R. † *b*  
 Dana, R. *e* 28 E. 21  
 D'Anchise, G. G. *gr* 2390 Creston ave.  
 Danielson, C. *e* 345 E. 15  
 Daniels, E. † *ed* 106 W. Grove, Freeport  
 Daniels, J. H. *m* 421 W. 57  
 Danihy, H. F. *c* 19 W. 130  
 Danis, T. *e* 1264 Amsterdam ave.  
 Dann, D. S. *m* 10 W. 61  
 D'Anna, O. *ph* 168 Bleecker  
 Danziger, J. *e* 124 Reid, Elizabeth  
 D'Archangelis, L. A. *ph* 31 W. 63  
 Dargeon, H. W. *m* 215 W. 129  
 Darling, C. † *pa* 413 Lafayette ave., Bklyn.  
 Darmstatter, N. E. *c* 146 Sherman, Passaic  
 Darrow, M. J. † *b* 35 Claremont ave.  
 Dash, T. *c* 316 Pulaski, Bklyn.  
 Dashowitz, D. *ph* 115 Columbus  
 Daskam, E. S. † *e* 122 Glenbrook Rd., Stamford, Conn.  
 Dasso, A. R. *e* 106 Morningside Dr.  
 Davenport, L. P. † *e* 56 W. 39  
 Davenport, O. G. *e* 3749 Olinville ave.  
 Davey, D. C. † *b* 404 E. 141  
 Davey, V. † *e* 1242 Garden, Hoboken  
 Davidoff, E. *c* 1018 E. 163  
 Davidson, A. B. † *e* 651 Palisade ave., Yonkers  
 Davidson, C. M. *c* Livingston  
 Davidson, E. H. † *gr* 601 W. 137  
 Davidson, E. J. † *pa* 320 E. 67  
 Davidson, G. *j* 100 Broadway  
 Davidson, H. M. *j* Hartley  
 Davidson, J. G. *gr* 80 Morris, Yonkers  
 Davidson, L. † *gr* 84 Grove  
 Davidson, L. M. † *pa* Whittier  
 Davidson, M. † *b* 406 Westminster Rd.  
 Davies, Z. *gr ed* 600 W. 122  
 Davis, B. R. † *e* Woodmere  
 Davis, C. M. † *e* 414 W. 121  
 Davis, C. P. *c* 111 N. Seventh ave., Mt. Vernon  
 Davis, D. D. *m* 38 S. Arlington ave., East Orange  
 Davis, E. † *e* Hotel Ansonia

- Davis, E. D. † *uncl* 541 Lexington ave.  
 Davis, G. H. *m* 8 E. 3  
 Davis, H. K. † *e* Great Neck Station  
 Davis, I. U. † *pa* 135 W. 104  
 Davis, L. L. † *e* 599 W. 190  
 Davis, L. V. S. † *pa* 524 W. 124  
 Davis, M. *c* 274 E. 10  
 Davis, M. D. † *ed*  
 182 Crescent ave., Leonia, N. J.  
 Davis, M. H. † *e* 509 W. 121  
 Davis, M. P. † *pa* Whittier  
 Davis, S. E. † *e* 31 Elm, Westfield, N. J.  
 Davis, S. T. † *e* 1000 Park ave.  
 Davison, D. B. † *e* 126 W. 104  
 Davison, K. † *ed* Garfield, N. J.  
 Davison, M. A. † *e* 517 W. 144  
 Davison, R. *e* 55 Wall  
 Davoll, A. C. *e* Hartley  
 Davy, W. M. *mec*  
 26 Rutland ave., W. Englewood  
 Dawbarn, E. G. † *b* 105 W. 74  
 Dawes, D. † *e* 334 W. 85  
 Dawson, A. I. *gr* 75 Lewis ave., Bklyn.  
 Dawson, A. O. *c* 638 Crotona Park South  
 Dawson, B. B. † *e* 1527-44th, Bklyn.  
 Dawson, G. M. *m* 2940 Broadway  
 Dawson, M. E. † *ed*  
 Longview ave., Leonia, N. J.  
 Day, A. L. † *gr ed* 419 W. 119  
 Day, E. † *e* 510 W. 123  
 Day, G. G. *c* 531 W. 113  
 Day, H. B. *e* 3160 Decatur ave., Bklyn.  
 Day, J. † *ed* 512 W. 123  
 Day, M. D. † *e* 562 W. 113  
 Dayan, M. † *gr ed* 138 Joralemon, Bklyn.  
 Dayton, B. † *pa* 418 W. 118  
 Daytz, B. *ph* 1804 Belmont ave.  
 Deady, H. B. *e* 434 W. 120  
 de Ajuria, J. A. *c* 468 Riverside Dr.  
 Dealey, A. G. † *pa* Whittier  
 Dean, G. *c* 141 W. 105  
 Deane, L. L. † *ed* 510 W. 124  
 Dearborn, E. B. † *e* 357 W. 115  
 Dearborn, H. C. *c* Kitchowan, N. Y.  
 Dearden, G. A. † *gr ed* 125 E. 91  
 Dearstyne, S. C. *c* Hartley  
 Dearth, C. F. M. † *e* 423 W. 120  
 Deatrick, A. L. † *pa* 510 W. 124  
 De Bardeleben, C. † *e* 410 W. 115  
 de Barritt, M. L. † *gr* 510 W. 152  
 De Bellis, H. *m* 152 Eighth ave.  
 Debower, M. *j* 237 S. 2, Bklyn.  
 De Cecca, V. C. *e* 149 Amity, Bklyn.  
 Deckelmeier, E. I. † *e*  
 216 Angelique, Weehawken  
 Decker, A. † *ed*  
 2100 Richmond Terr., Port Richmond  
 Decker, A. B. † *e* 63-2nd  
 Decker, E. A. † *pa* 132 E. 45  
 Decker, H. LeR. *e* 292 Union, Jersey City  
 Decker, K. L. † *b* 1939 Washington ave.  
 Decker, M. G. *l* 541 W. 124  
 Decker, W. D. † *e* 390 West End ave.  
 de Cordova, G. E. † *e* 251 W. 89  
 Dedlow, C. *mec* 313 W. 57  
 Dee, M. R. † *e* 1113 Teller ave.  
 Deeg, P. M. † *e* 116-8th, W. New York, N. J.  
 de Forest, W. J. *e* 143 E. 34  
 Defrem, H. *e* 82 Washington Pl.  
 De Friest, A. M. † *e* Great Neck Sta.  
 De Fronzo, A. F. *c* 719 Union, Bklyn.  
 De Giorgio, R. F. *c* 120 Sherman ave.  
 de Goenaga, C. † *b* 111 W. 69  
 Dehls, F. *c* 536 W. 114  
 Deissler, W. *e*  
 689 Broadway, W. New York, N. J.  
 Deitsch, A. B. *c* 40 E. 83  
 De Journette, J. † *e* 501 W. 121  
 de Kay, O. *e* 413 W. 23  
 de la Cruz, R. *e* 2783 Broadway  
 Delano, S. E. † *pa* 142 E. 19  
 Delattre, M. † *ed* 330 W. 89  
 Del Bello, S. W. *l* 232 N. Main, Yonkers  
 Dellecese, A. *ph*  
 4626 White Plains ave., Mt. Vernon  
 Dellicker, H. M. † *ed* 523 W. 121  
 Delman, A. *ph* 183 Tenth ave.  
 Del Monte, H. *e* 44 McDonough, Bklyn.  
 DeLong, E. † *e* 1 Arden  
 del Portillo, L. Z. *e* 449 Park ave.  
 del Rio, D. A. *e* 511 W. 143  
 De Luca, P. *ph* 152 E. 111  
 del Vall, L. L. † *uncl* 253 W. 100  
 de Mackiewicz, J. H. *ph*  
 15 Echo ave., New Rochelle  
 De Maio, M. *c* 1553-75th, Bklyn.  
 Demarest, S. F. † *e* Hackensack  
 DeMaria, A. G. † *e* 342 E. 121  
 de Mercado, A. *c* Hartley  
 de Miranda, E. *e* 460 W. 141  
 Demmler, O. W. *c* 414 W. 121  
 Dempsey, A. Y. *e* 1 Wilson ave., Flushing  
 Dempsey, H. E. *ed* Hartley  
 de Moraes, V. F. *uncl* 365 W. 118  
 De Muria, E. H. *c* 224 Johnson, Bklyn.  
 Den, J. A. *e* 840 Whitlock ave.

- den Bleyker, A. † *ed* Furnald  
 De Neergaard, E. M. † *e* 521 W. 111  
 Dennett, J. † *e* Whittier  
 Dennis, E. S. † *e* 424 W. 118  
 Dennis, H. C. † *e* 537 W. 121  
 Dennis, I. W. † *e* 151 Euclid ave.  
 Dennis, J. A., Jr. *c* 540 W. 113  
 Dennis, R. R. † *e* 180 Fifth ave.  
 Dennison, G. *e*  
 341 Kearny ave., Kearny, N. J.  
 Dennison, M. † *gr* 135 E. 52  
 Denniston, M. † *e* Furnald  
 Denny, H. T. † *gr* 167 E. 63  
 Denny, M. † *e* 68 W. 69  
 Denslow, R. R. *gr* 2340 Seventh ave.  
 de Paredes, G. G. *ph* 152 W. 21  
 de Parenty, E. L. † *gr* 509 W. 121  
 De Passe, A. *bu* 205 W. 107  
 DePue, E. † *uncl* 203 W. 14  
 Derby, E. † *pa* 37 E. 71  
 De Riso, M. N. *e*  
 322-5th, Town of Union, N. J.  
 de Roche, E. † *pa*  
 227 Bloomfield ave., Passaic  
 Dersheimer, F. M. † *pa* Whittier  
 De Russi, V. J. *c*  
 743 Broadway, W. New York, N. J.  
 De Sanctis, A. *ph* 80 Perry  
 Des Jardins, M. E. † *ed* Whittier  
 Desmond, H. M. † *pa* 522 W. 185  
 de Soto, L. *gr*  
 Hotel Bonta, Broadway & 94th  
 Despres, J. A. *c* 101 W. 80  
 Deuel, V. G. † *b* Brooks  
 Deuse, Z. C. *e* 547 W. 157  
 Deutsch, G. F. † *pa* 317 W. 88  
 Deutsch, N. † *pa* Furnald  
 Deutsch, R. † *e* 851 E. 169  
 De Vallant, F. L. *ph* Earlville  
 Devery, K. J. † *e*  
 2810 Ft. Hamilton Pkway.  
 Devine, T. *c* 542 W. 112  
 de Vries, J. P. † *e* 305 Hudson, Hoboken  
 Dewey, C. A. McC. † *gr ed*  
 Basking Ridge, N. J.  
 Dewey, L. A. † *b* 2880 Broadway  
 De Witt, D. A. *c* Hartley  
 DeWitt, E., Jr. *e* Chestnut, Englewood  
 De Witt, E. H. *e* Bklyn. Navy Yard  
 DeWitt, K. E. † *pa*  
 124 Grant ave., Jersey City  
 de Wolff, J. † *gr ed*  
 167 Boulevard, Summit, N. J.
- De Young, E. † *e* 221 Sherman ave.  
 De Young, P. *e* 450 E. 139  
 De Zeller, M. C. † *e* 434 W. 120  
 DeZeller, M. P. † *gr ed* 472 W. 22  
 d'Humy, E. T. † *pa*  
 166 Tenafly Rd., Englewood  
 Diamond, M. S. *e*  
 198 Jersey, New Brighton  
 Diasio, F. A. *c* 331 E. 108  
 Dibble, F. J. † *pa* Whittier  
 Dick, M. A. † *pa*  
 116 Warburton ave., Yonkers  
 Dickerson, C. L. † *pa* City Hospital  
 Dickerson, E. J. † *uncl* 62 W. 56  
 Dickey, E. † *uncl* Whittier  
 Dickie, G. W. *m* 453 W. 57  
 Dickinson, L. F. *c* 52 W. 129  
 Dickson, C. † *b* 348 Whiton, Jersey City  
 Dickson, M. † *gr ed* 2135 Seventh ave.  
 Diechmann, H. † *gr* 1261 Madison ave.  
 Dieckman, C. J. *c* 178 E. 78  
 Dieckman, W. A. *e*  
 1002 Bedford ave., Clarenceville  
 Diehl, V. M. † *b*  
 512 Jersey ave., Jersey City  
 Diehl, W. F. *e* 217 Broadway  
 Diehl, W. J. *e* 55 Hanson Pl. Bklyn.  
 Dietrich, H. L. *c* 219 E. 17  
 Dietrich, S. P. W. † *pa* Whittier  
 Diforia, R. J. *ph*  
 163 Washington, Mamaroneck  
 Di Giacomo, J. C. *e*  
 2304 Prospect, ave., Bronx  
 Dillenberg, C. H. † *gr ed* 504 W. 122  
 Diller, H. E. † *e* 419 W. 119  
 Diller, M. I. † *e*  
 335 Lafayette ave., Bklyn.  
 Dillistin, C. † *e* 664 E. 22, Paterson  
 Dillon, M. † *e* 1109 Amsterdam  
 Dillon, M. B. † *e* 56 W. 104  
 Dillon, M. K. † *pa* Whittier  
 Dilme, F. *e* 186 Claremont ave.  
 Di Lorenzo, C. *c* 2328 Hughes ave.  
 Dilthey, K. † *e* 124 Convent ave.  
 Di Mariano, J. A., Jr. *e* 525 W. 182  
 Dimmick, A. E. † *pa* Whittier  
 Dinagar, R. H. F. *m* 10 W. 83  
 Diner, I. C. † *gr* 316 W. 84  
 Dinnerstein, M. *m* 35 E. 7  
 Diodato, D. *ph* 87 East End ave.  
 Dioguardi, G. N. † *e* 47-49th, Corona  
 Dionne, G. † *e*  
 31 Limerick, Stanford, Conn.

- Dirkes, D. A. † *b* 176 S. 9, Bklyn.  
 Disick, B. *e* 303 E. 8  
 Dittberner, C. A. *e* 420 Gates ave., Bklyn.  
 Dittmar, M. *ph*  
 776 West Side ave., Jersey City  
 Divine, M. M. † *e*  
 302 Carlton ave., Bklyn.  
 Dixon, A. † *gr*  
 21 N. Walnut, S. Orange  
 Dixon, G. G. *c*  
 168 St. Johns Place, Bklyn.  
 Dixon, H. J. *e* 3057 Bailey ave.  
 Dixon, I. † *e* 527 W. 121  
 Dixon, J. H. *e* 2531 Belmont ave.  
 Dixon, M. † *e* 3057 Bailey ave.  
 Dixon-Welch, M. D. † *b* Brooks  
 Dizik, B. *ph* 270 W. 145  
 Dlott, B. † *e* 54 E. 106  
 Doane, M. R. † *e* 425 E. 7, Plainfield  
 Dochterman, E. † *b* 916 Eighth ave.  
 Dodd, J. W. *ed* 30 N. Grove, Freeport  
 Dodd, N. † *e* 54 W. 105  
 Dodd, R. F. † *e*  
 86 Division ave., Belleville, N. J.  
 Dodge, B. F. † *gr ed* 510 W. 123  
 Dodge, E. L. *e* 18 Gramercy Pk.  
 Dodge, M. H. *gr* Livingston  
 Dodson, P. O. † *pa* 152 E. 22  
 Doe, F. H. † *gr ed* 547 W. 123  
 Doerschuk, A. B. † *gr ed* 61 Hamilton Pl.  
 Does, F. J. *ph* 431 E. 155  
 Doherty, M. † *gr ed* 525 W. 120  
 Dohm, J. C. *c* 454 Ft. Washington ave.  
 Dohrenwend, H. A. *c* 147 W. 85  
 Doi, K. *e* 100 W. 32  
 Doig, C. E. † *e*  
 192 Donaldson ave., Rutherford  
 Dolan, D. W. *e* 426 E. 26  
 Dolan, B. E. † *ed* 106 Morningside Dr.  
 Dolinsky, I. *m* 82 Ames, Bklyn.  
 Donahue, M. † *e* 458 Manhattan ave.  
 Donahue, M. † *e* 22 Garrison, Paterson  
 Donahue, W. L. *c* 12 W. 11  
 Donaldson, K. † *gr* 420 W. 116  
 Donchian, E. † *e* 427 W. 117  
 Donchian, P. D. *e* 427 W. 117  
 Donehue, F. McG. *m* 336 W. 58  
 Donn, A. J. *e* 3510-14th ave., Bklyn.  
 Donnellan, S. P. † *e* Farnald  
 Donnelly, A. † *e* 728 Dubois, W. Hoboken  
 Donnelly, E. B. † *e* 2759 Morris ave.  
 Donnelly, L. D. † *e*  
 728 Dubois, W. Hoboken
- Donohugh, A. C. L. † *gr* 31 W. 76  
 Donohugh, E. E. † *ed* 519 W. 121  
 Donohugh, T. S. *e* 31 W. 76  
 Donovan, A. B. *c*  
 18-24th, Guttenberg, N. J.  
 Donovan, E. J. *m* 231 West End ave.  
 Donovan, H. J. *c* 52 W. 105  
 Donovan, M. E. † *b* Farnald  
 Donovan, M. E. † *pa* 209 W. 136  
 Doody, M. F. † *e* 107 W. 82  
 Doody, R. † *e* 107 W. 82  
 Dooley, W. H. *gr ed*  
 383 McDonough, Bklyn.  
 Dooman, D. S. *m* 346 W. 57  
 Doragoff, N. *c* 97 E. 7  
 Doremus, M. C. † *gr ed* 3657 Broadway  
 Doridosky, J. *ph* 207 Eldridge  
 Doriot, F. C. *e*, 450 Columbia Blvd.,  
 Wood Ridge, N. J.  
 Doris, C. *gr ed* 1671-84th, Bklyn.  
 Dornbush, L. *e* 622 Hendrix, Bklyn.  
 Dornier, E. † *e* 135 Joralemon, Bklyn.  
 Dornier, L. † *e* 135 Joralemon, Bklyn.  
 Dorr, J. B. *c* 522 W. 123  
 Doshay, L. J. *m* 15 E. 108  
 Doster, M. C. † *pa* 2332 University ave.  
 Doubleday, J. S. *c*  
 204 Hempstead ave., Lynbrook  
 Dougherty, A. J. *ph*  
 1071 Bedford ave., Bklyn.  
 Dougherty, C. L. *uncl*  
 56 Seminary ave., Rahway, N. J.  
 Dougherty, E. T. † *e* 1223 Park ave.  
 Dougherty, I. L. † *e* 1085 Union ave.  
 Doughty, W. B. *ph*  
 Douglas, C. † *gr ed* 420 W. 119  
 Douglas, F. L. † *gr* 403 W. 115  
 Douglas, G. A. † *ed* 46 Irving, Ridgwood  
 Douglas, J. *gr* 275 E. Broadway  
 Douglass, C. E. *gr ed* Livingston  
 Douglass, H. B. *e* 452 Riverside Dr.  
 Douglass, M. M. † *e* 452 Riverside Dr.  
 Dowd, F. H. *e* 520 W. 123  
 Dowd, F. M. † *pa* 1230 Amsterdam ave.  
 Dowd, M. L. † *e* 501 W. 121  
 Dowd, N. E. † *pa* 250 W. 74  
 Dowell, S. † *uncl* 459 W. 123  
 Dowling, E. M. † *b* 150 W. 105  
 Downer, L. De M. † *ed*  
 76 Grove, Montclair  
 Downes, H. R. † *gr* 164 Manhattan ave.  
 Downie, B. M. *e* Hartley  
 Downs, M. † *pa* 106 Morningside Dr.

Doyle, H. P. † *b* 460 Riverside Dr.  
 Doyle, R. F. † *pa* Furnald  
 Drachman, J. M. *gr* 128 W. 121  
 Drachman, M. M. † *b* 128 W. 121  
 Drachsler, J. *gr* 1476 Lexington ave.  
 Drake, M. † *b* Brooks  
 Dransfield, J. E. *ed* Fairview, N. J.  
 Draper, D. *e* 143 Covert, Bklyn.  
 Dreesbach, E. † *e* 530 Riverside Dr.  
 Dreesbach, P., Jr. *c* 530 Riverside Dr.  
 Drescher, A. C., Jr. *e*  
 89 Sherman ave., Jersey City  
 Drescher, C. *l* 27 Orchard  
 Dresner, P. † *e* 822 Hewitt Pl.  
 Dressler, M. E. † *gr ed* Furnald  
 Drew, M. † *e* 620 W. 122  
 Dreyfus, M. *e* 149 Broadway  
 Dreyfuss, E. † *e* 408 W. 130  
 Dreyfuss, R. † *e* 3905 Broadway  
 Dring, C. M. † *e* 1780 W. 5, Bklyn.  
 Drumheller, M. † *gr*  
 Drumm, E. B. † *e* 428 E. 157  
 Druss, J. G. *c* 282 Jerome, Bklyn.  
 Dubman, M. C. *e* 1084 Bryant ave.  
 Dubnan, I. J. *c* 1551 Hoe ave.  
 Dubner, H. *e* 240-242 E. 21  
 Du Bois, E. B. † *ed* 66 W. 2, Mt. Vernon  
 Du Bois, R. O. *m* 119 E. 57  
 Dubow, S. *bu* Livingston  
 Ducorsky, M. *ph* 1575 Bathgate ave.  
 Dudley, A. L. † *e* 130 Claremont ave.  
 Dudley, M. A. † *e*  
 Long Island College Hospital, Bklyn.  
 Duffee, J. T. *e* 160 Claremont ave.  
 Duffee, M. M. † *gr ed* 160 Claremont ave.  
 Duffy, L. F. † *pa* 265 Henry  
 Dufresne, O. *e* 633 W. 171  
 Dugan, M. D. † *pa* Whittier  
 Dugan, R. † *pa* Whittier  
 Dugan, R. C. *bu*  
 270 George, New Brunswick  
 Dumble, W. R. *c* Livingston  
 Dumond, H. M. † *gr* 496-10th, Bklyn.  
 Dunaway, W. F. *gr* 519 W. 123  
 Dunbar, C. † *e* 419 W. 118  
 Dunbar, D. *e* 39 Clinton Pl., Hackensack  
 Duncan, N. E. † *e* 411 W. 115  
 Duncan, W. P. *c*  
 268 Stuyvesant ave., Bklyn.  
 Dunham, J. *e*  
 232 Brighton ave., Perth Amboy  
 Dunlavy, C. † *e*  
 42 Sunnyside Dr., Yonkers

Dunlop, J. F. *e* 79 Hamilton Pl.  
 Dunn, A. C. *l* 667 E. 18, Paterson  
 Dunn, A. M. † *gr* 667 E. 18  
 Dunn, F. W. † *gr ed* 503 W. 121  
 Dunn, G. S. † *e* 1230 Amsterdam ave.  
 Dunn, W. P. *gr* 61 Henry  
 Dunn, W. T. *gr* Livingston  
 Dunnell, E. H. † *e* 420 W. 116  
 Duram, M. I. † *pa*  
 50 Leighton ave., Yonkers  
 Durand, M. E. † *gr*  
 1161 Amsterdam ave.  
 Durant, W. J. *gr* 854 E. 175  
 Durant, W. J. † *gr* 854 E. 175  
 Durfee, E. † *e* 430 W. 119  
 D'Urgolo, J. E. *ph*  
 1024 Freedom, Ozone Park  
 Durkin, W. J. *e* 94 W. 162  
 Durst, A. *c* 156 Main, Rahway, N. J.  
 Duryea, M. S. † *gr ed* 42 Northern ave.  
 Duryea, S. A. † *pa* Sea Cliff  
 Dutch, R. L. † *e*  
 258 Midland ave., Montclair  
 Dwight, E. † *e* 403 W. 115  
 Dwight, E. P. † *pa* 1033 Madison ave.  
 Dwyer, M. J. † *gr ed* 456 W. 153  
 Dwyer, R. M. † *e*  
 Dwyer, W. G. † *e* 524 Ave. E, Bayonne  
 Dye, E. V. *gr* Livingston  
 Dyer, C. B. *gr* 545 W. 148  
 Dyer, O. H. † *e* 693 West End ave.  
 Eagan, M. F. † *e* 525 W. 160  
 Eagan, M. H. † *e* 57 W. 75  
 Eagan, V. A. *e* 90 Monroe, Bklyn.  
 Eagar, R. J. † *e* 2140-66th, Bklyn.  
 Eager, E. N. *j* 417 W. 120  
 Eagle, M. *m* 507 E. 171  
 Eaker, L. M. *c* 331 W. 18  
 Eames, S. F. † *gr ed* 541 Lexington ave.  
 Earle, E. M. *gr* 410 W. 115  
 Eastman, A. *ph* 2111 Daly ave.  
 Easton, E. K. † *e* 202 Lincoln Pl., Bklyn.  
 Eaton, G. F. † *ed* 510 W. 124  
 Eaton, M. P. † *gr* 44 Morningside Dr.  
 Ebbesen, I. M. † *e* 601 W. 137  
 Eberbach, L. E. † *pa* Whittier  
 Eberlein, C. B. M. † *pa* Whittier  
 Eberlein, W. *e*  
 114 Bergen Pike, Ridgefield Park, N. J.  
 Ebersman, R. *ph* 1500 Brook ave.  
 Eccles, H. E. *c* 608 W. 113  
 Echevarria, J. M. *mec* 524 W. 124  
 Echikson, J. I. *m* 142 Orchard, Newark

Eckert, E. M. † <i>pa</i>		Eisenman, A. J. † <i>b</i>	414 W. 118
300 Verona ave., Newark		Eiseman, L. <i>e</i>	166 W. 87
Eckman, R. S. † <i>pa</i>	Furnald	Eisenstadt, M. <i>e</i>	120 William
Edelman, I. A. †	51 E. 122	Eiser, A. C. <i>e</i>	310 W. 114
Eddingfield, I. D. † <i>gr</i>		Eisler, M. J. <i>e</i> 533 Lafayette ave., Bklyn.	
Edgerton, A. H. <i>e</i>	414 W. 121	Eisler, S. <i>e</i> 533 Lafayette ave., Bklyn.	
Edgerton, L. † <i>e</i>	Hartsdale	Eiserike, S. <i>e</i>	1626 Madison ave.
Edgerton, L. † <i>pa</i>	Whittier	Eisfelder, H. W. J. <i>c</i>	536 W. 114
Edling, A. M. † <i>pa</i>	Ridgewood	Elbert, M. E. † <i>e</i>	Halcyon Hall, S. I.
Edman, I. <i>gr</i>	416 W. 122	Eldred, I. † <i>ed</i>	Whittier
Edmond, S. † <i>gr ed</i>	Cranford, N. J.	Eldridge, R. † <i>e</i>	Hartsdale
Edmund, G. † <i>gr ed</i>	415 W. 118	Eldridge, S. <i>gr</i>	Hartsdale
Edson, C. M. † <i>pa</i>		Elias, C. A. † <i>e</i>	
Edwards, C. † <i>bu</i>	423 W. 120	83 Maple ave., Rockville Centre	
Edwards, E. S. † <i>e</i>	458 W. 141	Elias, M. G. <i>m</i>	348 W. 58
Edwards, F. N. <i>gr</i>	Livingston	Eliassen, H. <i>e</i>	2193 Eighth ave.
Edwards, G. E. † <i>b</i>	Brooks	Eliot, R. † <i>gr</i>	501 W. 124
Edwards, G. H., Jr. <i>gr</i>	Hartley	Elitharp, M. † <i>pa</i>	Whittier
Edwards, M. † <i>pa</i>	378 Halsey, Bklyn.	Elkin, J. H. <i>c</i>	Hunting Station
Edwards, S. C. † <i>e</i>		Ellenoff, S. <i>gr</i>	1388 Prospect ave., Bronx
64 Home, Metuchen, N. J.		Ellerstein, M. † <i>e</i>	12 W. 119
Edwards, W. W. <i>e</i>	1014 Hoe ave.	Elliot, G. † <i>ed</i>	
Eells, E. <i>gr</i>	237 E. 104	Bergen School for Girls, Jersey City	
Eells, I. M. † <i>gr ed</i>	500 W. 122	Elliot, R. † <i>pa</i>	
Efron, A. <i>mec</i>	53 E. 97	117 S. Broadway, White Plains	
Egan, F. M. † <i>e</i>	118 Mt. Hope Pl.	Elliott, D. H. † <i>e</i>	210 W. 90
Egan, J. R. <i>c</i>		Elliott, J. R. <i>ph</i>	
41 Van Reipen ave., Jersey City		Elliott, L. C. † <i>gr ed</i>	
Egan V. M. † <i>e</i>	599 W. 190	15 Vose ave., South Orange	
Egerman, L. <i>ph</i>	164 S. Broadway, Yonkers	Elliott, M. G. † <i>pa</i>	429 E. 64
Eggers, H. † <i>c</i>	326 W. 87	Elliott, R. M. † <i>pa</i>	
Eggleston, M. K. † <i>e</i>	500 W. 114	67 Demarest ave., Englewood	
Eggleston, L. † <i>gr</i>	Brooks	Ellis, M. † <i>pa</i>	
Egner, A. C. † <i>e</i>	1026 Westchester ave.	203 Warburton ave., Yonkers	
Ehret, H. L. <i>ph</i>	163 Franklin, Bklyn.	Ellis, M. A. † <i>gr</i>	501 W. 124
Ehrhart, A. † <i>pa</i>	351 W. 29	Ellison, F. † <i>e</i>	226 W. 111
Ehrich, D. J. † <i>gr</i>	1 W. 72	Elmayon, E. V. † <i>e</i>	561 W. 147
Ehrich, E. L. † <i>uncl</i>	1 W. 72	Elwes, F. P. <i>e</i>	80 Maiden Lane
Ehrich, J. S. <i>gr</i>	1 W. 72	Elwyn, A. <i>gr</i>	92 St. Nicholas ave.
Ehrich, R. A. † <i>b</i>	393 West End ave.	Ely, D. † <i>gr ed</i>	106 Morningside Dr.
Ehrlich, B. † <i>b</i>	Furnald	Ely, G. L. † <i>e</i>	106 Morningside Dr.
Ehrlich, D. E. <i>m</i>	496-9th, Bklyn.	Ely, M. R. † <i>gr</i>	420 W. 118
Ehrlich, P. <i>pa</i>	972 Morris ave.	Emanuel, E. T. <i>e</i>	704 Ave. E, Bayonne
Eichenbaum, N. † <i>e</i>	1560 Amsterdam ave.	Emanuel, L. † <i>e</i>	704 Ave. E, Bayonne
Eichenbaum, R. S. † <i>e</i>	520 W. 139	Emanuel, S. G. † <i>e</i>	402 W. 153
Eichner, B. B. <i>m</i>	1392 Madison ave.	Embry, D. H. † <i>gr</i>	
Eidinger, B. <i>ph</i>	159 Attorney	182 N. Broadway, Yonkers	
Eigenmacht, E. <i>ph</i>	235 E. 118	Emerick, W. C., Jr. <i>c</i>	538 W. 114
Einfeld, S. <i>e</i>	768 Fox	Emerson, C. D. † <i>b</i>	529 W. 111
Einstein, M. J. † <i>uncl</i>	121 E. 57	Emerson, C. P. † <i>e</i>	135 E. 52
Einstein, N. S. <i>c</i>	924 West End ave.	Emerson, E. M. † <i>b</i>	856 E. 18, Bklyn.
Eiseman, F. † <i>e</i>	166 W. 87	Emery, D. W. † <i>pa</i>	Scarsdale
Eisenbrandt, E. M. † <i>gr</i>	130 Claremont ave.		

Emme, E. E. *gr ed* 600 W. 122  
 Emmet, M. M. *† e* Morse Pl., Englewood  
 Emmons, M. *† uncl*  
 24 Clifton Terr., Weehawken  
 Endly, J. *† gr ed* Furnald  
 Endress, M. C. *† pa*  
 116 S. Elliott Pl., Bklyn.  
 Endursky, A. L. *c* 25 Rutgers  
 Endlich, E. *c* 44 Orchard, Tarrytown  
 Engel, R. *e* 45 W. 112  
 Engeman, W. A. *a* 1124 Amsterdam ave.  
 England, K. *m* 2059 Davidson ave.  
 Engleman, C. *ph* 745 Forest ave.  
 Engler, B. *† e* 105 Orchard  
 Engler, M. L. *† gr* 2293 Sedgwick ave.  
 Engler, W. *c* 103 Orchard  
 English, E. W. *l* Hartley  
 English, I. *† pa* 106 Morningside Dr.  
 English, J. H. *gr* 206 W. 109  
 Enhard, R. A. E. *e* 163 W. 78  
 Enners, G. W. *e* 1276 Findlay ave.  
 Ennis, G. *† e* 539 W. 148  
 Eno, E. *† e* 12 Morris, Yonkers  
 Ensler, L. *ph* 1710 Van Buren  
 Entenberg, R. *ed* Pleasantville  
 Epstean, E. R. *† gr* 611 W. 114  
 Epstein, E. Z. *† e* 1105 Forest ave.  
 Epstein, H. I. *c* 121 St. Nicholas ave.  
 Epstein, H. R. *c* 269 Audubon ave.  
 Epstein, L. *gr* 378 Kosciusko, Bklyn.  
 Epstein, M. D. *† e* 748 Beck  
 Epstein, S. *† e* 1105 Forest ave.  
 Eremievsky, S. *c* 41 E. 76  
 Erneman, J. A. *c* 159 W. 92  
 Ernst, G. G. *l* 9 W. 90  
 Errico, F. A. *ph* 406 E. 121  
 Erskine, R. *† e* 609 W. 115  
 Erwin, M. *† e* 325 Convent ave.  
 Esberg, H. *† e* 1070 Madison ave.  
 Eschenbach, J. J. *e* 23 Manhattan ave.  
 Eskay, I. H. *e* 1524 Charlotte  
 Espie, S. C. *e* 198 Broadway  
 Esser, A. E. *† pa*  
 220 Woodworth ave., Yonkers  
 Esterbrook, G. R. *† b* Brooks  
 Estes, M. T. *† ed* Englewood  
 Etienne, E. *e* 240 E. 62  
 Etter, J. *e* 225 Division, Bklyn.  
 Ettinger, C. *† e* 424 Central Park West  
 Euhard, R. *e* 163 W. 78  
 Eulenburg, P. K. *† e* 10 E. 30  
 Evans, D. *† e* 2 W. 101

Evans, D. H. *l* 412 W. 115  
 Evans, F. P. *† pa* 420 W. 121  
 Evans, G. H. *† b* Furnald  
 Evans, H. C., Jr. *j* 523 W. 121  
 Evans, J. *gr* 575 W. 172  
 Evans, L. P. *† e* 420 W. 121  
 Evans, M. E. *† pa* 25 Claremont ave.  
 Evans, R. W. 488a Chauncey, Bklyn.  
 Evans, T. S. *m* 908 West End ave.  
 Evenden, E. S. *gr ed* 547 W. 123  
 Everett, E. M. *† e*  
 68 Buckingham Rd., Bklyn.  
 Everett, G. *c* Hartley  
 Everett, M. A. *† pa* 440 E. 57  
 Everson, D. R. *a* 131 W. 71  
 Everson, I. G. *† b*  
 259 St. Mark's Pl., Staten Island  
 Ewan, R. O. *† b* Brooks  
 Ewart, M. *† pa* Whittier  
 Ewers, C. P. *l* 305 W. 111  
 Ewing, I. *† e* 334 W. 58  
 Ewing, M. *† ed* 503 W. 122  
 Ewing, R. D. *† ed* 503 W. 122  
 Exerjian, M. *† d* 605 W. 178  
 Eyre, L. L. *† b* 15 W. 67  
 Ezickson, A. J. *c* 868 Whitlock ave.  
 Faber, V. *e* 10 W. 93  
 Fabian, S. H. *e* 150 Fair, Paterson  
 Fabricius, A. M. *† gr* 169 West End ave.  
 Fadiman, E. M. *c* 419 W. 115  
 Fair, V. E. *† b* 17 Horatio  
 Fairbanks, H. *† pa*  
 21 Euclid ave., Yonkers  
 Fairchild, J. W. *† e* Spuyten Duyvil  
 Fairchild, M. C. *gr ed* 600 W. 122  
 Fairchild, N. F. *† e*  
 315 Green ave., Bklyn.  
 Faison, M. H. *† ed* 541 W. 123  
 Falcone, F. R. *ph* 2919 W. 31, Bklyn.  
 Falk, D. L. *† b* 601 W. 141  
 Falkenburg, N. E. *c* 525 Linwood  
 Falkland-Falken, E. M. *† e*  
 20 W. 33, Bayonne  
 Falley, J. *uncl* 2013 Fifth ave.  
 Falsey, J. E. *e* 492 Third, Bklyn.  
 Fanelli, R. *mec*  
 Highwood Webster ave., New Rochelle  
 Fanger, B. F. *c* 278 W. 113  
 Fanning, F. *† e* 4 Convent Hill  
 Fanning, V. V. *† pa* 1230 Amsterdam ave.  
 Farb, B. *† e* 1072 Union ave.  
 Farer, C. *c* 888 Fox

- Faris, S. † *ed*  
 Farnham, C. E. † *gr* Teachers College  
 Farnsworth, G. L. † *gr* 419 W. 119  
 Farr, D. D. *c* 3131 Broadway  
 Farr, F. L. *bu* 163 W. 2; Mt. Vernon  
 Farr, K. L. *e* Bursar's office, Columbia  
 Farrar, N. † *b* Brooks  
 Farrell, C. † *e* 28 Washington ave., Paterson  
 Farrell, K. † *e* 229 Grand ave., Astoria  
 Farrell, M. † *gr ed* Whittier  
 Farrell, T. J., Jr. *c* 443 W. 43  
 Farrington, E. † *pa* Whittier  
 Farrington, F. J. *r* 336 W. 95  
 Fasullo, F. F. *gr* 99 Starr, Bklyn.  
 Faust, C. † *e* 239a Brooklyn ave., Bklyn.  
 Faust, H. L. *gr* Livingston  
 Fawcett, A. M. † *e* 344 W. 72  
 Fawcett, L. M. † *b* 53 Washington Sq.  
 Fay, F. L. † *e* 61 Whitestone ave.  
 Fay, M. I. † *e* 336 E. 30  
 Fay, M. M. † *gr* 132 E. 93  
 Faxon, S. K. † *b* Brooks  
 Fearis, E. E. † *ed* 77 Garrison ave., Jersey City  
 Fecht, E. F. † *pa* Furnald  
 Feder, A. *c* 1871 Pitkin ave.  
 Feder, J. L. 518 W. 151  
 Feeley, F. † *e* 586 City Island  
 Feeley, L. † *e* 586 City Island  
 Fehlman, F. E. *e* 53 W. 14  
 Fehr, G. *e* 50 Broad  
 Feig, A. L. *e* 531 W. 112  
 Feigin, B. *e* 139 S. 9, Bklyn.  
 Feigin, M. *ph* 1545 Fulton ave.  
 Fein, B. *e* 1800 Lexington ave.  
 Fein, J. M. *c* 161 Bushwick ave., Bklyn.  
 Feinberg, B. A. *e* 616 W. 116  
 Feinberg, J. † *e* 1145 Vyse ave.  
 Feinberg, M. E. † *e* 154 Stanton  
 Feinberg, S. C. *m* 730 Riverside Dr.  
 Feinberg, Z. H. † *e* 240 W. 102  
 Feinstein, C. † *e* 2 E. 113  
 Feinstein, R. † *e* 2 E. 113  
 Feirstein, J. *c* 107 Van Buren, Bklyn.  
 Feist, B. † *e* 245 W. 139  
 Feld, J. M. *c* 1412 Washington ave.  
 Feldberg, H. *ph* 21 E. 117  
 Felder, W. *e* 815 Park ave.  
 Feldstein, L. *c* 388 S. 1, Bklyn.  
 Feldman, C. *c* 61 Clinton  
 Feldman, D. *ph* 249 Broome  
 Feldman, E. † *ph* 657 Stone ave., Bklyn.  
 Feldman, J. *ph* 590 Prospect ave.  
 Feldman, M. *ph* 1710 Bathgate ave.  
 Feldman, P. *c* 438 E. 23  
 Feldman, R. A. *c* 1114 St. Johns Pl., Bklyn.  
 Feldman, R. H. *c* 697 Broadway, Bklyn.  
 Felicetti, M. *ph* 340 E. 116  
 Felitti, A. † *ph* 405 E. 114  
 Felitti, V. J. *c* 405 E. 114  
 Feller, H. *l* 37 Clinton  
 Feller, M. † *e* 346 Broadway  
 Fellows, M. *e* 525 W. 120  
 Felshin, M. *c* 2 W. 112  
 Felshin, S. M. *j* 2 W. 112  
 Felstiner, W. *c* 255 W. 108  
 Felt, W. L. *m* 571 W. 125  
 Felter, H. A. *e* East Rockaway  
 Fendell, S. J. D. *gr* 603 Powell, Bklyn.  
 Fendig, S. J. † *pa* Whittier  
 Fenlow, M. V. † *e* 204 W. 106  
 Fennelli, J. *e* 6 Spring  
 Feraru, L. *gr* 285 Haven ave.  
 Ferber, H. † *e* 603 E. 5  
 Ferguson, C. M. *e* 562 W. 173  
 Ferguson, D. † *e* 541 Lexington ave.  
 Ferguson, F. M. *m* 188 Edgecombe ave.  
 Ferguson, J. † *e* 93 Park, Ridgefield Park, N. J.  
 Ferguson, F. C. *c* 330 W. 28  
 Ferguson, M. † *b* 9 N. Munn ave., East Orange  
 Ferguson, R. N. *ph*  
 Ferguson, W. P. *c* 475 Prospect Pl., Bklyn.  
 Fernald, H. E. † *gr ed* 1230 Amsterdam ave.  
 Fernalld, F. M. *gr ed* 109 Oak Tree Pl., Leonia  
 Fernandez, G. *e* 312 Shippen, West Hoboken  
 Fernández, G. L. † *gr* 605 W. 115  
 Ferns, E. † *gr ed* 346 Union ave., Mt. Vernon  
 Ferrari, L. *ph* 143 W. 10  
 Ferrier, D. J. † *e* 540 W. 122  
 Ferrin, L. E. † *gr ed* Furnald  
 Ferris, H. E. † *pa* Port Chester  
 Ferris, R. *e* 846 Hewitt Pl.  
 Festetic, A. † *e* 241 W. 72  
 Fezandié, E. H. *mec* 165 E. 66  
 Fialka, S. *c* 1468 Fifth ave.  
 Fidler, P. Z. *mec* 39 Graham ave., Bklyn.  
 Field, H. A. † *gr ed* Longview ave., Leonia  
 Field, L. † *e* 530 W. 124



Field, L. B. † *e* Furnald  
 Fielding, D. M. † *gr ed* Englewood  
 Fields, H. *e* 105 W. 114  
 Filipone, A. *m* 196 Eighth ave., Newark  
 Fierstein, J. *m* 107 Van Buren, Bklyn.  
 Finan, G. † *e* 206 W. 86  
 Finck, G. † *e* 127 W. 122  
 Fine, E. † *b* 200 W. 111  
 Fine, H. *e* 501 W. 172  
 Fine, L. J. † *gr* 1956 Crotona Pkwy.  
 Fineberg, B. J. *c*  
 64 Claremont ave., Jersey City  
 Fineberg, S. *e*  
 64 Claremont ave., Jersey City  
 Finegold, M. † *j* 1270 Madison ave.  
 Fineman, A. H. *m* 56 W. 118  
 Fink, J. † *e* 416 W. 118  
 Finkel, S. *ph* 2228 Seventh ave.  
 Finkelhor, F. *c* 601 W. 140  
 Finkelhor, H. R. *l* 601 W. 140  
 Finkelstein, A. D. *e* Hartley  
 Finkelstein, B. *e* 211 E. 10  
 Finkelstein, D. *c* Hartley  
 Finkelstein, D. M. † *e* 1800 Seventh ave.  
 Finkelstein, E. † *pa*  
 365 West Side ave., Jersey City  
 Finkelstein, F. H. † *e* 253 W. 111  
 Finkelstein, H. *a* 431 Jerome, Bklyn.  
 Finkelstein, J. *c* Hartley  
 Finkelstein, L. *gr* 341 Stone ave., Bklyn.  
 Finkelstein, M. *c* 341 Stone ave., Bklyn.  
 Finkelstein, V. *ph* 1758 Walker ave.  
 Finkelstein, W. *m* 26 W. 109  
 Finkenthal, A. *e* 452 Lenox ave.  
 Finkle, O. G., Jr. *m* 200 W. 85  
 Finkle, P. *m* 936 Sutter ave., Bklyn.  
 Finkler, M. R. † *b* 749 Elmore Pl., Bklyn.  
 Finlay, S. J. *c* 335 Rich ave., Mt. Vernon  
 Finley, S. L. † *e* Scarsdale  
 Finnegan, A. W. *ph* 161 W. 76  
 Fiorillo, J. *e* 2066 Hughes ave.  
 Firor, E. M. † *e* 10 W. 107  
 Fisch, H. *ph* 152 Norfolk  
 Fischel, B. M. † *b* 118 E. 93  
 Fischel, R. † *b* 118 E. 93  
 Fischer, A. *e* Westfield, N. J.  
 Fischer, B. M. *c* 229 W. 97  
 Fischer, D. P. *c* Hartley  
 Fischer, D. R. † *e* Furnald  
 Fischer, G. W. *gr*  
 130 Pearsall ave., Freeport  
 Fischer, H. † *b*  
 310 Marlborough Rd., Bklyn.

Fischer, H. S. *m*  
 594 Willoughby ave., Bklyn.  
 Fischl, G. H. † *e* 790 Riverside Dr.  
 Fiscia, A. *ph*  
 8124 Seventeenth ave., Bklyn.  
 Fish, A. *gr* 356 Second ave.  
 Fish, C. † *pa* 137 W. 110  
 Fishbein, D. † *bu* 31 W. 124  
 Fishberg, A. M. *c* 57 E. 93  
 Fishberg, E. H. † *b* 57 E. 93  
 Fisher, A. B. † *pa* Whittier  
 Fisher, D. *m* 135 W. 112  
 Fisher, H. † *b*  
 310 Marlborough Rd., Bklyn.  
 Fisher, H. J., Jr. *m* 515 W. 182  
 Fisher, H. V. † *gr* 189 Claremont ave.  
 Fisher, J. E. *gr* 541 Lexington ave.  
 Fisher, K. A. † *b* 1978 Crotona ave.  
 Fisher, M. B. † *b* 67 W. 50  
 Fisher, R. B. † *gr* 505 W. 121  
 Fisher, R. C., II *c* 565 W. 113  
 Fisher, S. E. † *e* 241 E. 119  
 Fishkind, S. B. *c* 430 W. 122  
 Fisk, M. J. † *b*  
 Fisk, S. E. † *gr ed* 157 E. 72  
 Fitch, E. W. † *e*  
 123 Clarewill ave., Upper Montclair  
 Fitch, F. L. † *gr ed*  
 Harbor Hghts., Mamaroneck  
 Fitch, G. E. *ph* Highland Mills  
 Fitch, N. K. † *pa* Upper Montclair, N. J.  
 Fitzgerald, A. A. † *e* 22 Elm, Newton, N. J.  
 Fitzhugh, M. E. † *e* 414 W. 121  
 Fitzmaurice, J. E. *e*  
 Fitzpatrick, E. G. † *e* 132 W. 129  
 Fitzpatrick, F. W. *gr*  
 General Theo. Seminary  
 Fitzsimons, J. E. *e* 716 W. 180  
 Flanagan, K. M. † *e*  
 16 Vinton Rd., Madison, N. J.  
 Flanders, A. E. † *e* 263 Union, Hackensack  
 Flapan, I. M. *e* 1619 Bathgate ave.  
 Flaum, H. † *e* 229 E. 72  
 Flax, J. L. *c* 299 W. Kinney, Newark  
 Fleck, A. B. *e* 1522-57th, Bklyn.  
 Fleischer, W. *ph* 800 E. 168  
 Fleischmann, B. *m* 3058 Third ave.  
 Fleming, M. A. † *e* 25 Madison ave.  
 Fleming, M. M. † *e* Furnald  
 Flenniken, W. H., Jr. *c* Hartley  
 Fletcher, D. A. *a* Livingston  
 Fletcher, E. M. † *und*  
 438 Hoboken ave., Jersey City

- Fletcher, M. L. † *pa* 380 Riverside Dr.  
 Floersher, M. F. † *uncl* 99 Claremont ave.  
 Flood, M. deN. † *e* 521 W. 111  
 Flora, M. F. † *b* 99 Claremont ave.  
 Florence, P. S. *gr*  
     127 Matilda Terr., Long Branch  
 Florence, W. S. *m* 27 W. 61  
 Flowers, H. L. *m* 701 W. 179  
 Floyd, B. † *pa* Whittier  
 Foerster, W. *l* 546 W. 114  
 Fogarty, M. L. † *e* 135 Chestnut, Flushing  
 Fogarty, P. R. *e* 347 E. 133  
 Fogg, W. G. *mec* 1388 Teller ave.  
 Foland, J. P., Jr. *c* 248 W. 11  
 Folcarelli, G. M. † *ph*  
     3042 Heath ave., Kingsbridge  
 Foley, H. C. † *b* 338 E. 52  
 Foley, V. R. *l* 309 W. 22  
 Folger, H. † *gr ed*  
     Haven Country Club, Nyack  
 Folsey, J. E. *e* 493 Third, Bklyn.  
 Folsom, D. M. † *pa* Piermont  
 Folts, L. I. † *ed* 162 W. 126  
 Foote, A. E. *e* 110 Morningside Dr.  
 Foote, M. B. † *e*  
     520 Westminster ave., Elizabeth, N. J.  
 Foote, O. † *e* 225 W. 99  
 Fopeano, H. J. † *pa* Whittier  
 Forbes, H. † *e* 225 W. 83  
 Forbes, H. F. F. † *uncl*  
     161 Lefferts ave., Richmond Hill  
 Forchheimer, M. † *pa* Whittier  
 Ford, A. † *gr* 605 Lexington ave.  
 Ford, G. G. † *pa* Fernald  
 Ford, T. R. *m* 346 W. 57  
 Ford, W. A. *c* 616 W. 116  
 Forer, S. M. *e* 70 E. 45  
 Forman, M. † *e* 344 Manhattan ave.  
 Forrest, V. C. † *e* 30 Convent ave.  
 Forster, H. W. *c*  
     248 Van Cortland Park ave., Yonkers  
 Forsyth, M. E. † *gr ed* 133 W. Fourth  
 Forsyth, M. J. *c*  
     406 Jefferson ave., Bklyn.  
 Forsyth, R. P. *c* 406 Jefferson ave.  
 Fosher, A. McG. *e* 155 Dean, Bklyn.  
 Foster, F. *e* 99 Lafayette ave., Bklyn.  
 Foster, K. L. † *pa* 523 W. 121  
 Foster, M. J. † *e*  
     412 Richmond ave., Port Richmond  
 Foster, O. D. † *e* 140 W. 57  
 Foster, R. † *pa* Whittier  
 Foulkes, M. U. † *gr ed* 135 E. 52  
 Foults, M. L. † *e*  
     92 Hamilton ave., Yonkers  
 Fouts, J. † *b* 57 Hillcrest ave., Yonkers  
 Fowler, M. B. † *ed* 501 W. 120  
 Fowler, T. L. *c* 231 W. 122  
 Fowler, W. D. *bu* Hotel Latham  
 Fox, A. M. † *b* 509 Eighth ave., Bklyn.  
 Fox, B. *e* 603 Ninth ave., Astoria  
 Fox, E. B. *e* 2567 Sedgwick ave.  
 Fox, E. G. B. *c* 357 W. 115  
 Fox, E. J. † *b* 509 Eighth ave., Bklyn.  
 Fox, H. † *b* 581 W. 161  
 Fox, H. M. † *e* 3089 Broadway  
 Fox, J. M. *c* 542 W. 112  
 Fox, J. Y. † *e* Whittier  
 Fox, R. H. *c* 126 Fisher ave., White Plains  
 Fox, S. *ph* 764 Trinity ave.  
 Foy, W. J. *e* 68 Prospect ave., Flushing  
 Foyles, E. J. *c* 625 W. 156  
 Fraden, W. *c* 182 Broome  
 Fraga, F. A. † *e* 186 Claremont ave.  
 Frame, E. L. † *pa* Whittier  
 Francis, H. E. † *pa* Whittier  
 Francisco, E. † *pa* 408 W. 23  
 Francisco, F. *e* 372 Manhattan ave.  
 Franciscus, A. *c* 1793 Washington ave.  
 Frank, B. † *e* 501 W. 110  
 Frank, B. H. *e* 698 Tenth ave.  
 Frank, C. G. † *e* 420 Riverside Dr.  
 Frank, E. F. † *e* 154 W. 78  
 Frank, F. K. † *pa* Whittier  
 Frank, M. R. † *e* 1122 Jackson ave.  
 Frank, R. L. † *e* 2170 Broadway  
 Frank, S. *c* 173 Henry  
 Franke, E. C. † *gr* 414 W. 120  
 Frankel, B. *ph* 221 W. 141  
 Frankel, L. H. *e* 1101 Westchester ave.  
 Frankel, L. K., Jr. *bu* 255 W. 108  
 Frankel, M. J. † *e* 1444 Boston Rd.  
 Franken, M. C. † *e* 15 W. 91  
 Franken, R. B. *e* 11 E. 119  
 Frankenfelder, R. *e* 545 W. 111  
 Frankenstein, M. V. † *e* 270 Riverside Dr.  
 Franklin, A. † *b* 32 Kenmore Pl., Bklyn.  
 Franklin, E. † *ed* 417 W. 120  
 Franklin, E. P. † *gr*  
     800 N. Chestnut Dr., Bronxwood Park  
 Franklin, K. M. † *pa*  
     38 Sanford ave., Flushing  
 Franklin, L. *e* 531 W. 113  
 Franklin, L. *ph* 197 Clinton  
 Franklin, R. G. *c* 404 W. 116  
 Franklin, S. *c* 1216 Jefferson ave., Bklyn.

Fransisco, F. *e* 312 Manhattan ave.  
 Frant, S. *c* 333 W. 58  
 Frantz, M. E. *† e*  
 33½ Fisher ave., White Plains  
 Frasca, M. A. *† e* 57 Perry  
 Fraser, M. I. *† pa* Furnald  
 Fraser, P. B. *† e* 522 W. 112  
 Fraser, W. A. *e* 153 E. 86  
 Frazier, A. *† gr* Furnald  
 Frazier, B. J. *† pa* Little Ferry, N. J.  
 Frazier, W. F. *gr* Little Ferry, N. J.  
 Frederick, M. C. *† ed* 510 W. 123  
 Frederickson, H. E. *† b* 601 W. 160  
 Frederiksen, G. A. *e* 46 E. 34  
 Free, A. V. *ed* Peekskill  
 Freedman, J. L. *c* 340 Pulaski, Bklyn.  
 Freeland, H. H. *† ed*  
 27 Lincoln, E. Orange  
 Freeman, F. *† pa* 419 W. 118  
 Freeman, M. H. *e* 366 St. Nicholas ave.  
 Freeman, S. A. *e* Livingston  
 Frieder, H. *† e* 590 West End ave.  
 Freidus, E. *m* 550 W. 158  
 Freiman, M. S. *c* 1284 Herkimer, Bklyn.  
 Freimark, M. *ph* 285 Throop ave., Bklyn.  
 Freimuth, E. *† pa* Whittier  
 Frerichs, H. *e* 520 W. 183  
 Freshman, P. *e* 1773 Union, Bklyn.  
 Freudenheim, L. D. *c*  
 9 Marshall Rd., Yonkers  
 Freund, H. F. *e*  
 56 Sterling ave., Weehawken  
 Freundlich, P. *† e* 120 W. 78  
 Frey, G. *e* 550 W. 114  
 Frey, M. *† e* 1226 Tinton ave.  
 Frey, W. G., Jr. *m*  
 205 Grand ave., Astoria  
 Freygang, M. I. *† gr*  
 615-8th, College Point  
 Fribourg, N. L. *e* 601 W. 113  
 Frick, L. M. *† e* 456 Riverside Dr.  
 Fricke, G. *† b* Brooks  
 Fridenberg, R., Jr. *m* 596 Riverside Dr.  
 Fried, A. S. *e* 137 W. 25  
 Fried, H. *c* 2086 Vyse ave.  
 Fried, J. H. *ph* 1189 Second ave.  
 Friedenber, D. *c* 523 W. 113  
 Friedinger, S. M. *† pa*  
 106 Morningside Dr.  
 Frieder, C. *† e* 590 West End ave.  
 Frieder, H. *† e* 590 West End ave.  
 Friedkin, E. Z. *† b* 183 Hooper, Bklyn.  
 Friedland, J. F. *e* 574 Lenox ave.

Friedland, L. *ph* 574 Lenox ave.  
 Friedlander, L. *bu* 44 W. 77  
 Friedman, B. *m* 5 Attorney  
 Friedman, C. *† e* 546 W. 147  
 Friedman, H. E. *e* 317 E. 121  
 Friedman, I. *e* 884 Riverside Dr.  
 Friedman, I. *ph* 70 E. 100  
 Friedman, J. H. *e* 800 E. 175  
 Friedman, L. C. *† b*  
 172 Sterling Pl., Bklyn.  
 Friedman, M. *c* 24 Mt. Morris Park West  
 Friedman, M. *† gr ed* 301 S. 4, Bklyn.  
 Friedman, R. *† e* 352 W. 117  
 Friedman, S. *† e* 1 Ridge  
 Friedman, S. *gr* 62 Sheriff  
 Friedrich, C. H. S. *gr ed*  
 111 Kingsley, Leonia  
 Frieman, R. *e* 936 Intervale ave.  
 Friess, H. L. *c* 972 Woodycrest ave.  
 Frink, R. A. *gr ed* Tuckahoe  
 Frisbee, E. *† pa*  
 Bloomingdale Hospital, White Plains  
 Frisch, I. A. *c* 275 W. 140  
 Friscia, A. B. *ph* 496 W. Broadway  
 Fritts, A. C. *† e* 269 Park, Hackensack  
 Froelich, L. F. *e* 60 Beaver  
 Frohman, M. *e* 44 Bradhurst ave.  
 Frohnknecht, C. *† gr*  
 285 Central Park West  
 Frome, E. *† pa*  
 17 Birchwood ave., E. Orange  
 Fromholz, A. S. *c* Hastings-on-Hudson  
 Fromholz, F. *e* Hartley  
 Fromkess, M. *† e* 516 Manhattan ave.  
 Frontera, M. M. *† pa*  
 10 Bittman, Maspeth  
 Frosh, H. L. *m* 576 Warwick, Bklyn.  
 Frost, G. L. *e*  
 Morris ave., Springfield, N. J.  
 Frost, J. N. *m* Hartley  
 Frowenfeld, P. M. *c* 50 W. 71  
 Frumkes, H. *c* 799 Jennings  
 Fry, C. L. *gr* Livingston  
 Fuchs, F. J. *gr* 522 Hamburg ave., Bklyn.  
 Fuerst, J. A. *ph* 24 W. 112  
 Fujie, S. *bu* 924 West End ave.  
 Fujita, K. *bu* 322 Haven ave.  
 Fujita, K. *uncl* Hartley  
 Fuld, D. G. *† e* 168 W. 86  
 Fuller, B. C. *gr* 380 Lewis ave., Bklyn.  
 Fuller, E. S. *† e* 430 W. 118  
 Fuller, F. H. *† pa*  
 317 Hillside ave., Nutley, N. J.

- Fuller, R. H. † *pa* 301 W. 117  
 Fulton, A. F. † *pa* 218 Park ave., Yonkers  
 Fulton, D. P. † *e* 128 W. 74  
 Fulton, K. L. † *e* 123 W. 80  
 Fulton, L. † *e* 182 N. Broadway, Yonkers  
 Fundenburg, G. B. *gr* 262 W. 121  
 Funderburg, F. D. *m* 330 W. 59  
 Fung, K. *c* 156 Fifth ave.  
 Furlong, M. E. † *pa* 2188 Aqueduct ave.  
 Furman, J. A. *e* 149 W. 115  
 Furman, M. A. *m* 953 Hoe ave.  
 Gattberman, J. *e* 96 Kingston ave., Bklyn.  
 Gaab, M. † *e* 518-72nd, Bklyn.  
 Gabe, H. *c* 985 Glenmore ave., Bklyn.  
 Gaberman, D. *m* 540 W. 122  
 Gabriel, E. *mec* 215 Columbia, Weehawken  
 Gaertner, O. *e* 331 Madison ave.  
 Gaetaniello, J. *c* Mt. Kisco  
 Gaffney, L. † *e* 1974 University ave.  
 Gage, N. D. † *gr ed* Furnald  
 Gager, H. W. *gr* 42 Gramercy Park  
 Gager, M. B. † *m* 419 W. 110  
 Gaggin, E. B. M. † *ph* Lindenhurst  
 Gagne, A. F. *e* Livingston  
 Gains, G. E. *e* 23 Wall  
 Gaither, P. † *e* 39 Remsen, Bklyn.  
 Gale, A. C. *e* 207 W. 109  
 Gallagher, A. G. *l* 33 E. 60  
 Gallagher, M. † *e* 4 E. 28  
 Gallagher, M. H. † *pa* 509 W. 121  
 Galland, E. *e* 969 Tiffany  
 Gallay, S. *c* 100 Bay 26, Bklyn.  
 Gallico, P. A. *c* 63 E. 59  
 Galligan, A. G. † *e* 134 W. 117  
 Galloway, J. J. *gr* 181 Claremont ave.  
 Galloway, J. R. *bu* 521 W. 122  
 Galluccio, C. V. B. *ph* 205 E. 103  
 Galt, C. M. † *gr* 430 W. 119  
 Galvin, W. J., Jr. *c* Livingston  
 Gamber, A. F. *gr ed* Hartley  
 Gamble, A. G. *e* 216 W. 38  
 Gamoran, E. *gr ed* 219 W. 120  
 Ganz, E. † *pa* 37 Lincoln, Jersey City  
 Garbe, W. M. *e* 14 Columbia Pl., Bklyn.  
 Garchery, L. *e* Ansonia Hotel  
 Garcia, F. *l* 225 W. 86  
 Garcia, J. H. *gr ed* 256 W. 108  
 Gardiner, R. † *pa* Whittier  
 Gardner, A. † *gr ed* Ritch Island, Port Chester  
 Gardner, B. S. † *pa* Whittier  
 Gardner, N. E. † *j* 419 W. 119  
 Gardner, W. W. *m* 166 State, Bklyn.  
 Garesche, L. S. † *pa* Furnald  
 Garfiel, E. † *b* 20 E. 90  
 Garfinkel, J. *e* 48 Garden, Bklyn.  
 Garfinkel, M. A. *gr ed* 133 W. 112  
 Garfunkel, E. † *e* 145 W. 119  
 Garfunkel, R. † *pa* 2 E. 120  
 Gargan, A., Jr. *e* 586 E. 165  
 Garland, C. B. *c* 90 Prospect Park West, Bklyn.  
 Garlock, J. H. *m* 346 W. 56  
 Garman, A. † *e* Furnald  
 Garman, E. M. † *pa* Furnald  
 Garner, H. K. † *e* 258 Riverside Dr.  
 Garner, M. E. † *b* Brooks  
 Garrett, H. † *e* 518 Hudson, Hoboken  
 Garrigus, P. N. *c* 158 W. 106  
 Garrison, C. G. † *gr ed* 435 W. 123  
 Garrison, O. † *pa* Whittier  
 Garson, E. † *e* 65 New, Far Rockaway  
 Gartenlaub, M. E. † *e* 307 W. 79  
 Garwood, L. E. *gr* 33 Church, Nutley, N. J.  
 Gaskin, R. J. *e* 399 Chauncey, Bklyn.  
 Gaskins, E. A. † *ed* 415 W. 128  
 Gates, M. M. † *pa* Bronxville  
 Gates, P. M. † *e* 826 First Pl., Plainfield  
 Gatewood, E. S. † *b* 607 W. 116  
 Gaudiomonte, P. *e* 116 E. 112  
 Gaudin, M. A. C. *c* 29 W. 91  
 Gauss, E. M. † *gr ed* 514 W. 122  
 Gazley, J. G. *gr* 77 Mamaroneck ave., White Plains  
 Gebhardt, E. R. † *ed* Whittier  
 Gebelow, M. *c* 384 Vernon ave., Bklyn.  
 Gedney, E. † *e* 528-5th, Bklyn.  
 Gedney, J. S. *ph* 65 Railroad ave., Rye  
 Geer, G. W. † *b* 204 W. 86  
 Geib, A. P. † *e* Rahway, N. J.  
 Geier, C. W. *ph* 260 E. 4  
 Geis, E. S. † *e* 451 West End ave.  
 Gelbin, E. *c* 1352 St. Nicholas ave.  
 Gelfman, H. J. *e* 54 W. 89  
 Geller, H. W. *gr ed*  
 Gelston, A. † *e* 328 E. 25, Bklyn.  
 Gentile, E. E. *c* 7220 Fourteenth ave., Bklyn.  
 George, G. N. *e* 258 W. 52  
 George, W. N. *e* Livingston  
 Gerard, M. B. † *pa* 23 High, South Norwalk, Conn.  
 Geraty, J. E. *c* Bradley Beach, N. J.  
 Gerber, J. J. *e* 430 Morris ave., Elizabeth

Gerdy, I. <i>c</i>	511 W. 122	Gildner, L. M. † <i>gr</i>	400 W. 118
Gerish, A. <i>c</i>	629 W. 115	Giles, J. W. <i>c</i>	614 W. 113
Gerken, H. A. <i>ph</i>	1711 Popham ave.	Gilken, C. K. † <i>b</i>	620 W. 122
Gerland, N. † <i>gr</i>	500 W. 122	Gill, A. L. † <i>pa</i>	Whittier
Gerloff, M. L. † <i>b</i>	Mt. Kisco	Gill, B. <i>e</i>	212 W. 72
German, C. M. † <i>e</i>	Union Town, Hastings-on-Hudson	Gill, B. P. <i>gr</i>	971 Trinity ave.
Germansky, M. M. <i>e</i>	75 Ft. Washington ave.	Gill, E. I. † <i>ed</i>	336 State, Hackensack
Germino, A. J. <i>ph</i>	218 Spring	Gill, H. W. <i>a</i>	558 W. 113
Gernau, T. † <i>e</i>	8 Hill, Bogota, N. J.	Gillard, D. † <i>pa</i>	Englewood
Gershenson, I. <i>ph</i>	1052 Finlay ave.	Gillespie, M. M. † <i>b</i>	584 Broome
Gershenzwit, J. <i>e</i>	873 E. 167	Gillette, C. E. † <i>e</i>	74 Central ave., Hackensack
Gethmann, J. † <i>gr</i>	237 E. 104	Gillette, G. W. T. <i>c</i>	21 Claremont ave.
Getty, H. S. † <i>e</i>	84 Ashburton ave., Yonkers	Gilligan, J. T. <i>gr ed</i>	Westwood, N. J.
Gherst, L. M. † <i>pa</i>	501 W. 120	Gilligan, M. A. † <i>ed</i>	415 W. 118
Giabrowsky, H. A. <i>gr</i>	1226 Boston Rd.	Gillis, A. R. † <i>pa</i>	503 W. 121
Giardina, J. <i>ed</i>	344 E. 63	Gillis, L. † <i>e</i>	Floral Pk.
Gibb, A. S. † <i>b</i>	42 W. 75	Gillman, N. A. <i>ph</i>	202 Brook ave.
Gibbes, J. B. † <i>gr ed</i>	945 St. Nicholas ave.	Gillmor, E. R. † <i>e</i>	87 S. Broadway, Yonkers
Gibson, E. R. † <i>e</i>	17 Bethune	Gillmore, L. A. † <i>e</i>	212 E. 46
Gibson, E. W. † <i>b</i>	87 Hamilton Pl.	Gillmore, M. B. † <i>gr ed</i>	415 W. 118
Gibson, I. † <i>e</i>	330 W. 95	Gilman, E. A. † <i>pa</i>	Whittier
Gibson, J. B. <i>c</i>	Hartley	Gilman, E. G. † <i>pa</i>	Whittier
Gibson, L. A. <i>c</i>	56 Euston Rd., Garden City	Gilman, S. † <i>e</i>	35 W. 73
Gibson, W. <i>ph</i>	314 W. 103	Gilmore, C. M. <i>m</i>	21 Berkley Pl., Cranford, N. J.
Giddings, L. M. † <i>b</i>	453 Summer ave., Newark	Gilmore, E. M. † <i>gr ed</i>	174 E. 71
Giehl, J. A. † <i>gr ed</i>	81 Lockwood, Long Island City	Gilmore, S. H. † <i>e</i>	124 W. 12
Giery, M. E. † <i>ed</i>	94 Spring, Ossining	Gindandes, E. <i>e</i>	110 East Broadway
Giese, G. E. <i>e</i>	202 Hancock ave., Jersey City	Gingold, T. L. <i>m</i>	Livingston
Gieseke, H. M. † <i>e</i>	660 Ridge Boulevard, Bklyn.	Gini, L. L. † <i>e</i>	362 W. 119
Giessler, C. S. † <i>gr</i>	33 Hillside ave., Mt. Vernon	Ginsberg, A. J. <i>m</i>	
Giet, G. R. <i>c</i>	23 Ridgeview ave., White Plains	Ginsberg, L. <i>e</i>	1852 Amethyst
Gifford, C. C. <i>e</i>	764 Lake, Newark	Ginsberg, W. <i>m</i>	969 Fox
Gifford, H. S. † <i>e</i>	Furnald	Ginsberg, W. B. <i>ph</i>	195 E. 7
Gifford, M. † <i>e</i>	Hartley	Ginsburg, I. <i>c</i>	1819 Barnes ave.
Giglio, A. S. V. <i>c</i>	911 W. 7, Plainfield, N. J.	Ginsburg, J. <i>gr ed</i>	1350 Fifth ave.
Gilbert, A. † <i>b</i>	523 W. 122	Ginsburg, J. L. <i>e</i>	300 W. 97
Gilbert, B. F. <i>l</i>	Scarborough-on-Hudson	Ginsburg, S. <i>c</i>	39 Brooklyn ave., Bklyn.
Gilbert, C. S. † <i>ed</i>	Harrison	Ginsburg, S. W. <i>c</i>	1046 Lowell
Gilbert, E. B. <i>ph</i>	Huntington	Ginsburg, W. <i>ph</i>	1819 Barnes ave.
Gilbert, G. † <i>e</i>	Whittier	Ginzburg, B. j	39 Brooklyn ave., Bklyn.
Gilbert, J. † <i>pa</i>	420 W. 121	Ginzburg, D. <i>m</i>	1269-47th, Bklyn.
Gilchrist, F. B. † <i>pa</i>		Ginzburg, L. <i>m</i>	1380 Prospect ave.
		Ginzburg, S. <i>m</i>	39 Brooklyn ave., Bklyn.
		Gitow, I. H. <i>ph</i>	Monmouth Beach, N. J.
		Gittinger, J. F. <i>pa</i>	71 Byrne, Hackensack
		Giurleo, C. † <i>ph</i>	70 Kenmare
		Given, J. B., Jr. <i>m</i>	463-9th, Bklyn.
		Gjesdahl, F. L. <i>ed</i>	15 Wyckoff, Bklyn.
		Glaentzer, V. † <i>e</i>	58 Heights Rd., Ridgewood

- Glancey, F. L.  $\dagger pa$  Whittier  
 Glascock, J. R.  $\dagger gr ed$  408 W. 115  
 Glaser, A. B.  $\dagger gr$   
 Glaser, B.  $c$  543 E. 13  
 Glaser, E.  $\dagger e$  513 W. 150  
 Glass, E.  $mec$  278 W. 113  
 Glass, L. D.  $ph$  1526 Webster ave.  
 Glass, R.  $\dagger e$  67 E. 104  
 Glassberg, B.  $gr$  1038 Union, Bklyn.  
 Glassman, M. L.  $c$  27 Market  
 Glassman, P. L.  $c$  26 Smith, Perth Amboy  
 Glauber, S. E.  $c$  885 West End ave.  
 Glazier, A.  $\dagger e$  550 Riverside Dr.  
 Gleason, A. I.  $\dagger e$   
 431 Bainbridge, Bklyn.  
 Gleisser, L.  $e$  84 W. 119  
 Glenn, A.  $\dagger e$  152 W. 80  
 Glenn, R. C.  $e$  Livingston  
 Glennan, W. S.  $l$  Livingston  
 Glennie, A. C.  $c$  62 Mapes ave., Newark  
 Glihoff, H.  $m$  645 Amsterdam ave.  
 Glinn, M.  $\dagger e$  172 E. 94  
 Glinksy, B. M.  $ph$   
 Glover, C. S.  $\dagger ed$  Bronxville  
 Glover, R. M.  $\dagger pa$  418 W. 118  
 Gluck, E.  $l$  Hartley  
 Gluck, F.  $\dagger gr$  80 W. 90  
 Gluck, M.  $c$  838 West End ave.  
 Glucksmann, V.  $\dagger gr ed$  308 W. 97  
 Gnaedinger, L. B.  $c$  536 W. 114  
 Gnichtel, C. E.  $\dagger e$  257 W. 44  
 Goalwin, H. A.  $m$  911 Prospect ave.  
 Gochring, E. O.  $\dagger e$  1714-61st, Bklyn.  
 Goddard, J. J.  $\dagger e$  Dongan Hill, S. I.  
 Goddard, M. H.  $\dagger pa$   
 335 Moore ave., Leonia  
 Godley, M. A. F.  $\dagger e$   
 Bayside Rd., Bayside  
 Goduco, T.  $\dagger pa$  1230 Amsterdam ave.  
 Goe, E. R.  $\dagger ed$   
 33 Helburne ave., Philipse Manor  
 Goebell, A.  $\dagger b$  Furnald  
 Goeggel, G. I.  $\dagger gr$   
 Goehring, E. O.  $\dagger e$  1714-61st, Bklyn.  
 Goemann, E.  $ph$  Grantwood, N. J.  
 Goerlich, E. A.  $c$  1051 Tinton ave.  
 Goertner, F. B.  $l$  316 W. 97  
 Goetz, H.  $gr ed$  227 E. 86  
 Goetzinger, K. B.  $\dagger gr ed$  503 W. 121  
 Gokman, G.  $e$  878 West End ave.  
 Gold, G.  $l$  361 W. 116  
 Gold, I.  $e$  152 Monroe  
 Gold, P. M.  $e$  1447 Madison ave.  
 Goldberg, A.  $\dagger e$  51 E. 97  
 Goldberg, A. H.  $e$   
 204 Jackson ave., L. I. City  
 Goldberg, B.  $c$  927 Fox  
 Goldberg, B.  $ph$  292 Stanton  
 Goldberg, B.  $ph$  281 Monroe  
 Goldberg, D. S.  $gr$  1816 Marmion ave.  
 Goldberg, H.  $ph$  1474 Washington ave.  
 Goldberg, H. T.  $m$  634 Cleveland, Bklyn.  
 Goldberg, J. A.  $gr$  620 E. 6  
 Goldberg, I. L.  $ph$   
 1712 Pitkin ave., Bklyn.  
 Goldberg, M.  $c$  234 E. 14  
 Goldberg, N. E.  $\dagger e$  611 W. 153  
 Goldberg, Sol.  $c$  959 Prospect ave.  
 Goldberg, S. N.  $\dagger e$  2 W. 86  
 Goldberg, S. P.  $m$  292 E. Broadway  
 Goldberger, A.  $ph$  311 E. 72  
 Goldberger, S.  $ph$  311 E. 72  
 Goldblatt, D.  $m$  231 E. 77  
 Goldburg, A. H.  $e$   
 204 Jackson ave., Long Island City  
 Goldburg, G.  $e$  743 Gates ave., Bklyn.  
 Golden, I.  $e$  645 Williams ave., Bklyn.  
 Golden, J. M.  $\dagger e$  1529 Vyse ave.  
 Golden, M. F.  $\dagger pa$  Whittier  
 Goldenberg, H.  $ph$  1317 Franklin ave.  
 Goldenberg, J. J.  $ph$  216 Duffield, Bklyn.  
 Goldenberg, O.  $e$  70 St. Marks Pl.  
 Goldenberg, R. K.  $m$  Livingston  
 Goldey, N.  $c$  150 W. 94  
 Goldfarb, H.  $ph$  145 E. 4  
 Goldfarb, I.  $pa$  360 Clinton, Bklyn.  
 Goldfarb, I.  $gr$  1420 Park ave.  
 Goldfarb, S.  $pa$  325 E. 4  
 Goldfarb, S. E.  $pa$  360 Clinton, Bklyn.  
 Goldin, N.  $ph$  1847 Fulton, Bklyn.  
 Golding, J. H.  $c$  720 Riverside Dr.  
 Goldman, B.  $\dagger gr$   
 1393 Commonwealth ave.  
 Goldman, F.  $\dagger e$  26 Lenox ave.  
 Goldman, H.  $ph$  164 W. 116  
 Goldman, H.  $c$  950 Aldus  
 Goldman, I.  $e$  24 Siegel, Bklyn.  
 Goldman, J.  $\dagger gr$  76 E. 90  
 Goldman, L. A.  $gr ed$  682 Hendrix, Bklyn.  
 Goldman, M. L.  $e$  592 Hinsdale  
 Goldman, M. S.  $c$  2116 Walton ave.  
 Goldman, R.  $e$  817 West End Ave.  
 Goldman, S.  $gr$  254 Herzl, Bklyn.  
 Goldmeer, A.  $ph$  164 E. 112  
 Goldner, D.  $e$  Court & West 9, Bklyn.

Goldreyer, M. *e*  
 498 New Jersey ave., Bklyn.  
 Goldsmith, A. M. † *e* 310 W. 14  
 Goldsmith, B. † *e*  
 68 Cambridge Pl., Bklyn.  
 Goldsmith, D. B. † *b*  
 300 Central Park West  
 Goldsmith, E. † *gr ed* 12 W. 77  
 Goldsmith, F. D. † *e* 157 W. 85  
 Goldsmith, F. E. † *e* 501 W. 121  
 Goldsmith, H. *gr*  
 460 Palisade ave., W. New York  
 Goldsmith, I. *e* 242 Rutland Rd.  
 Goldsmith, J. D. † *e* 1230 Amsterdam ave.  
 Goldsmith, L. *e* Hotel Ansonia  
 Goldsmith, R. S. † *pa* Whittier  
 Goldsmith, T. † *gr*  
 68 Cambridge Pl., Bklyn.  
 Goldson, J. R. † *e* 1018 E. 163  
 Goldstein, B. *e* 2 E. 117  
 Goldstein, B. H. *m* 834 Beck  
 Goldstein, B. O. *m* Livingston  
 Goldstein, C. O. † *e* 420 W. 129  
 Goldstein, E. H. † *b* 124 W. 114  
 Goldstein, Harry *e* 15 Strong Pl., Bklyn.  
 Goldstein, Herbert *e* 241 W. 108  
 Goldstein, H. *m* 311 Broome  
 Goldstein, H. F. † *b* 99 Claremont ave.  
 Goldstein, I. E. *c* 1018 E. 163  
 Goldstein, I. E. *m* 313 E. 102  
 Goldstein, I. *e* 109 Ave. B  
 Goldstein, I. *gr* 261 W. 112  
 Goldstein, J. *e* 404 Fourth ave.  
 Goldstein, J. *m* 312 Madison  
 Goldstein, M. *c* 95 Division ave., Bklyn.  
 Goldstein, M. M. *m* 496 Sackman, Bklyn.  
 Goldstein, S. S. *e* 275 Central Park West  
 Goldstein, T. *c* 545 Van Sicklen ave.  
 Goldstone, D. R. *e* 1064 Park ave.  
 Goldstone, N. I. *c* 965 Tiffany  
 Goldwater, H. A. *c* 141 W. 121  
 Golembe, H. *m* 51 E. 111  
 Golembe, J. *c* 1453 Madison ave.  
 Goler, M. W. † *gr* Fernald  
 Goll, B. C. † *gr ed* 25 Pulaski, Bklyn.  
 Gollick, W. A. *m*  
 127 Chestnut ave., Jersey City  
 Goltman, A. M. *m* Hartley  
 Gonikman, L. C. *e* 153 E. Broadway  
 Gonn, B. † *e* 239 E. 12  
 Gonsolin, L. † *e* 527 W. 121  
 Gonzales, G. C. † *e*  
 1130 Bloomfield, Hoboken

Gonzalez, R. *m* 221 W. 106  
 Gonzalez Cos, M. E. † *e* 421 W. 117  
 Goodale, G. H. † *gr* 510 W. 123  
 Goodchild, F. M. *m* 2612 Broadway  
 Goode, D. † *e* 452 Riverside Dr.  
 Goode, J. C. *c* 7 W. 131  
 Goodell, M. E. † *pa* 1230 Amsterdam ave.  
 Goodenough, F. L. † *e*  
 171 N. Parkway, E. Orange  
 Goodfriend, I. *e* 8644-21st ave., Bklyn.  
 Goodfriend, M. *m* 827 Kelly  
 Gooding, F. † *gr* Fernald  
 Goodman, A. *e* 16 Fayette, Bklyn.  
 Goodman, A. L. *c* 1139 Vyse ave.  
 Goodman, C. † *e*  
 84 N. Munn ave., E. Orange  
 Goodman, H. I. *c* Hartley  
 Goodman, M. *m* 169 Rivington  
 Goodman, O. *e* 923 Barretts  
 Goodman, S. H. V. † *pa*  
 25 Claremont ave.  
 Goodrich, K. B. † *pa* Whittier  
 Goodside, I. E. *ph*  
 Goodspeed, H. C. † *gr ed* 510 W. 123  
 Goodwin, E. A. † *e* 24 E. 94  
 Goodwin, H. † *e* 808 West End ave.  
 Goodwyn, H. W. *gr* Warfield, Va.  
 Goon, G. Y. *e* 164 W. 125  
 Gordeenko, B. *e* 145 Audubon ave.  
 Gordon, D. *m* 1720 Madison ave.  
 Gordon, D. R. *m* 15 W. 108  
 Gordon, F. † *gr* Hotel Earle  
 Gordon, H. *c* 57 W. 111  
 Gordon, H. C., Jr. *l* 520 W. 123  
 Gordon, J. *gr* Hotel Earle  
 Gordon, J. H. *e* 864 St. Johns Pl., Bklyn.  
 Gordon, L. E. † *gr* Fernald  
 Gordon, L. H. † *e* Spuyten Duyvil  
 Gordon, M. † *e* 128 W. 13  
 Gordon, R. † *pa* 860 E. 161  
 Gordon, R. E. *m* 464 Riverside Dr.  
 Gorley, H. E. *e* 291 Liberty, Paterson  
 Gorman, A. G. † *pa* Whittier  
 Gorman, C. M. † *e*  
 Union Town, Hastings-on-Hudson  
 Gorman, E. M. † *pa* Whittier  
 Gorman, W. F. *l*  
 113 Passaic ave., Nutley, N. J.  
 Gorn, D. † *ph* 631 Jefferson Pl.  
 Gorsch, R. V. *m* 3332 Decatur ave.  
 Gorton, E. W. † *gr ed* 106 Morningside Dr.  
 Gorton, W. V. P. † *b*  
 4 Lenox ave., White Plains

- Gorz6, J. *mec* Livingston  
 Gosselin, M. A. † *e* Forest Hills  
 Gostenhofer, D. M. † *gr*  
 172 Davis ave., Livingston, S. I.  
 Gotha, L. L. *e* 765 Courtland ave.  
 Goto, I. *gr* Hartley  
 Gott, A. S. † *b* Brooks  
 Gottesman, D. S. † *e* 460 Riverside Dr.  
 Gottesman, D. S. *e* 460 Riverside Dr.  
 Gottesman, H. *e* 40 E. 83  
 Gottlieb, H. † *ph* 349 E. 32  
 Gottlieb, B. *c* Huntington, L. I.  
 Gottlieb, B. S. *m* 261 E. 7  
 Gottschall, S. *uncl* Hartley  
 Gottschall, S. H. *l* Hartley  
 Gould, M. C. † *gr* 510 W. 124  
 Goun, B. *e* 239 E. 12  
 Gourlie, J. C. *c* 562 W. 113  
 Gowan, C. † *e* 106 Morningside Dr.  
 Gowdy, F. W. † *ed*  
 224 St. James Pl., Bklyn.  
 Gower, S. † *b* 99 Claremont ave.  
 Grace, E. † *e* 415 E. 136  
 Gracey, M. I. † *e* 1230 Amsterdam ave.  
 Grad, B. B. † *e* 501 W. 110  
 Graf, M. † *e* 6 W. 87  
 Graff, J. *ph* 61 Washington, Flushing  
 Graff, E. B. † *pa* Fort Lee  
 Graff, M. D. † *e* 2679 Bainbridge ave.  
 Graffe, D. † *b* 503 W. 124  
 Graham, B. † *gr ed* Whittier  
 Graham, B. F. † *gr ed* 135 E. 52  
 Graham, E. † *b* 276 Riverside Dr.  
 Graham, E. N. † *pa*  
 260 Derrom ave., Paterson  
 Graham, F. D. *gr* 542 W. 124  
 Graham, J. † *e* Milburn, N. J.  
 Graham, J. *e* 692 Greene ave., Bklyn.  
 Graham, J. *gr* 1166 Hoe ave.  
 Graham, L. B. † *pa* Spring Valley  
 Graham, R. L. *c* 500 W. 114  
 Granatelli, A. *ph* 2203 Belmont ave.  
 Granatoor, L. S. *ph* 1258 Third ave.  
 Grandin, F. † *gr* 126 Claremont ave.  
 Granet, E. *c* 65-2nd  
 Granger, F. S. *gr* Livingston  
 Granger, L. Y. *m* 27 Wallace Pl., Newark  
 Granger, M. L. † *b* Brooks  
 Grano, G. V. † *e*  
 345 Glenwood ave., Leonia  
 Grant, A. C. † *gr* 21 Lawrence, Yonkers  
 Grant, D. E. *l* 527 W. 142  
 Grant, F. F. † *b* 293 Henry, Bklyn.  
 Grant, F. R. † *j* 527 W. 142  
 Grant, H. † *e* 527 W. 142  
 Grant, M. McN., Jr. *c* Livingston  
 Grant, R. N. *e* 2040 Valentine ave.  
 Grantz, A. I. *e* 75 Sheriff  
 Graper, E. D. *gr* 519 W. 121  
 Gras, A. R. *e* 619 W. 143  
 Grass, J. H. *gr ed* Westfield, N. J.  
 Gratiot, M. A. † *e* 100 Morningside Dr.  
 Grau, M. *ph* 34 W. 64  
 Graupner, A. P. † *e* 315 W. 115  
 Grautoff, W. *e* 126 W. 80  
 Graves, E. V. T. *c*  
 137 Shepherd ave., Bklyn.  
 Graves, K. B. † *gr ed* Whittier  
 Graves, M. A. † *pa* Great Neck  
 Gray, C. † *e* 31 Garden Pl., Bklyn.  
 Gray, H. D. † *pa* 620 W. 116  
 Gray, J. M. *gr* Hamilton  
 Gray, L. S. † *e* Whittier  
 Gray, M. L. † *pa* Whittier  
 Gray, M. L. C. *e* 575 Riverside Dr.  
 Gray, R. M. *e* 26 Robins Pl., Yonkers  
 Gray, R. R. † *b* 246-14th, Bklyn.  
 Gray, T. J. *l* 453 W. 48  
 Grayzel, D. M. *c*  
 1796 St. Johns Pl., Bklyn.  
 Grayzel, S. *gr*  
 1517 St. Marks ave., Bklyn.  
 Greathead, E. S. † *gr ed* 414 W. 121  
 Grecco, A. J. *ph* 7 Elizabeth  
 Greco, A. J. *ph* 1754-60th, Bklyn.  
 Greco, S. *ph* 130 Alexander ave.  
 Greely, G. G. † *e* 128 W. 74  
 Green, C. † *e* 1123 Clay ave.  
 Green, E. C. † *e* 178 E. 79  
 Green, G. H. † *b* 73 Paterson, Paterson  
 Green, H. E. † *uncl* 135 E. 52  
 Green, J. *e* 442 Manhattan ave.  
 Green, M. *e* 318 E. 165  
 Green, N. † *e* W. Englewood  
 Greenbaum, I. † *b* 2 E. 94  
 Greenberg, A. *c* 1015 Third ave.  
 Greenberg, A. B. *e* 231 W. 69  
 Greenberg, B. R. *c* 1 E. 101  
 Greenberg, E. † *e* 414 W. 120  
 Greenberg, J. *e* 945-70th, Bklyn.  
 Greenberg, M. *gr* 262-2nd  
 Greenberg, Meyer, *ph* 56 E. 103  
 Greenberg, Murray *ph* 162 E. 4  
 Greenberg, S. M. † *e*  
 1575 Washington ave.  
 Greenberger, M. M. *e* 26 E. 109



Greenblatt, H. *c* 207 W. 118  
 Greene, C. L. † *b* 544 W. 114  
 Greene, E. D. *e* 17 Gramercy Park  
 Greene, L. † *e* 170 W. 59  
 Greene, M. A. † *e* 240 W. 11  
 Greene, M. K. † *e*  
 River View Manor, Hastings-on-Hudson  
 Greene, T. A. *gr* 600 W. 122  
 Greenfield, L. *ph* 175 Orchard  
 Greenfest, M. *e* Hartley  
 Greenfield, C. *e* Suffern  
 Greenlay, D. E. † *e* 629 W. 115  
 Greenough, G. B. *c*  
 Greenspan, I. *e* 850 Beck  
 Greenstein, L. † *e* 154 Keap, Bklyn.  
 Greenstein, M. *m* 8 E. 118  
 Greenwald, R. J. † *e*  
 1230 Amsterdam ave.  
 Greenwald, R. R. † *pa* 501 W. 121  
 Greenwald, W. F. *c* 561 W. 147  
 Greenwood, E. *ed* Islip, L. I.  
 Greenwood, G. H. † *pa*  
 122 Pierpont, Bklyn.  
 Greenwood, L. H. † *pa* Whittier  
 Gregor, D. G. *m* Livingston  
 Gregory, L. † *gr* Brooks  
 Greig, M. † *pa* 523 W. 121  
 Grendon, M. L. † *e* 59 W. 76  
 Grenier, M. R. † *e* 445 Riverside Dr.  
 Grennan, R. † *e* 530 W. 153  
 Grenzbach, F. † *pa* 145 W. 122  
 Grez, A. *e* 255 W. 52  
 Griesar, O. M. *e* 158 E. 126  
 Grier, W. A. *gr* 14 E. 109  
 Griffen, C. F., Jr. *e* 11 E. 42  
 Griffin, J. C. *c* 76 Prospect, Port Chester  
 Griffin, M. E. † *pa* Furnald  
 Griffin, O. B. *gr ed* Livingston  
 Griffiths, F. L. † *e* 262 Hancock, Bklyn.  
 Griffiths, M. R. M. † *b* 312 Haven ave.  
 Grimes, A. L. † *e* 537 W. 121  
 Grimes, F. N. † *e* Furnald  
 Grimm, E. B. † *b* 557 W. 148  
 Grimminger, J. W. *c*  
 66 Clinton ave., Jersey City  
 Grimshaw, C. † *b* Roosevelt Hospital  
 Grimshaw, E. *c* Roosevelt Hospital  
 Grimstvedt, G. *gr ed* Ellis Island  
 Griswold, G. *bu* 612 W. 116  
 Griswold, J. A. † *pa* 415 W. 118  
 Gritman, C., Jr. *e* 1440 Minford Pl.  
 Grob, J. J. *c*  
 405 Davis ave., Harrison, N. J.

Grodin, T. M. *c* 263 Floyd, Bklyn.  
 Grodofsky, S. H. *c* 44 Liberty ave., Bklyn.  
 Groehl, M. R. † *b*  
 527 Bedford ave., Bklyn.  
 Groesbeck, T. A. † *e* Lynbrook  
 Groff, M. *m* 244 Madison  
 Grone, A. *ph* 71 Village, Hartford, Conn.  
 Gross, A. G. † *b* 150 Manhattan ave.  
 Gross, A. L. *e* 3816 Park ave.  
 Gross, E. † *e* 415 W. 115  
 Gross, E. S. † *b* Washington Sq., Arlington  
 Gross, J. H. *gr ed* Westfield, N. J.  
 Gross, O. A. † *gr ed* 418 W. 118  
 Gross, M. *ph* 340 E. 13  
 Gross, P. *gr* 6019 Tyndall ave.  
 Gross, S. † *b*  
 254 Bedford ave., Mt. Vernon  
 Grosscup, B. C. *l* 40 E. 40  
 Grosshandler, H. † *e*  
 4804 Fourteenth ave., Bklyn.  
 Grossman, A. † *e* 1347 Lexington ave.  
 Grossman, A. *c* 48 Ludlow  
 Grossman, E. † *e*  
 21 Darling ave., Mt. Vernon  
 Grossman, F. R. † *e* 109 E. 116  
 Grossman, H. *e* 855 Kelly  
 Grossman, G. F. † *gr ed*  
 1550 Union, Bklyn.  
 Grossman, M. † *e* 527 E. 84  
 Grossman, P. † *b* 1347 Lexington ave.  
 Grossman, S. R. † *e* 972 Freeman  
 Grosvenor, R. *m* 19 W. 48  
 Grosswirth, S. *ph* Montiflore Hospital  
 Group, E. F. *e* 523 W. 122  
 Grover, E. C. *gr ed* Closter, N. J.  
 Grubnick, M. *c* 270 Throop ave., Bklyn.  
 Gruggel, C. I. † *b*  
 Sixteenth ave. & 29, Whitestone  
 Grumbacher, W. *c* 601 W. 172  
 Grunow, M. F. † *e*  
 171 Clinton Pl., Hackensack  
 Grunzweig, A. *c* Livingston  
 Gruol, E. V. *e* 45 Ferry, Woodhaven  
 Grushevsky, L. L. *e* 58 Norfolk  
 Grusky, H. *l* Hartley  
 Gudebrod, E. M. † *e* 495 West End ave.  
 Guenther, A. W. *e* 100 Hudson  
 Guerin, J. K. *c* 31 Vandam  
 Guerdan, E. M. † *b*  
 216 Highpoint ave., Weehawken  
 Guernsey, B. G. † *pa* Furnald  
 Guernsey, E. I. † *pa*  
 530 Van Cortlandt Pk. ave., Yonkers

- Guernsey, M. R.  $\dagger pa$  Whittier  
 Guerriero, A. P.  $e$  107 Christie  
 Guggenheim, B. C.  $\dagger b$  55 Cathedral Pkwy.  
 58-51st. Forest Hills  
 Guiler, H. P.  $c$  204 W. 70  
 Guillen, A.  $mes$  955 Cauldwell ave.  
 Guimes, J. B.  $e$  230 E. 63  
 Guinee, J. F.  $\dagger gr ed$  230 E. 63  
 Guinea, M. L.  $\dagger gr ed$  230 E. 63  
 Guiney, D. F.  $e$  336 Belleville ave., Newark  
 Guinness, A. B.  $c$  Hartley  
 Gummere, J. S.  $gr$  Livingston  
 Guinzburg, L. K.  $\dagger b$  115 W. 86  
 Guiterman, H. R.  $c$  58 Central Park West  
 Guldner, B. J.  $\dagger e$  50 Morningside ave.  
 Guldner, R. J.  $m$  50 Morningside ave.  
 Gullo, S. J.  $ph$  163 Hester  
 Gunderson, P.  $\dagger e$  Bloomingdale Hospital, White Plains  
 Gunn, C. E.  $\dagger e$  324 W. 83  
 Gunter, S. W.  $\dagger pa$  Whittier  
 Gunther, E. C.  $\dagger b$  198 De Kalb ave., Bklyn.  
 Gunther, T. C.  $\dagger pa$  67 Myer, Hackensack  
 Gurley, R. B.  $gr ed$  40 Park ave., E. Orange  
 Gurnee, L. A.  $\dagger b$  1827 Seventh ave.  
 Gussow, L.  $ph$  116 E. 114  
 Gustafson, F. W.  $gr ed$  600 W. 122  
 Gustafson, W. W.  $gr$  436 Greene ave., Bklyn.  
 Gustavson, H. G.  $c$  170 Seventh ave., Bklyn.  
 Guthrie, J. C.  $\dagger pa$  1230 Amsterdam ave.  
 Guthrie, P. A.  $\dagger b$  232 E. 11  
 Gutmann, J.  $c$  2 W. 89  
 Gutmann, M.  $\dagger b$  2 W. 89  
 Gyss, E. E.  $c$  52 Hamilton ave., Yonkers  
 Haas, C. M.  $\dagger e$  268 Park, Hackensack  
 Haas, L.  $ph$  9 Livingston Pl.  
 Haas, L.  $c$  191 Stockton, Bklyn.  
 Haas, R. E.  $gr ed$  Congers  
 Haas, S. E.  $\dagger e$  Bayside  
 Haas, S. H.  $\dagger e$  The Ormonde, 70th and Broadway  
 Habric, E. D.  $e$  42 Washington Sq.  
 Hagedorn, M.  $\dagger e$  424 Senator, Bklyn.  
 Hacker, L. M.  $c$  116 Graham ave., Bklyn.  
 Hadden, A.  $c$  420a Lafayette ave., Bklyn.  
 Hadden, A. A.  $e$  430 W. 118  
 Haden, K. W.  $\dagger e$  145 W. 87  
 Haden, R.  $ph$  677 E. 232  
 Hadji Popove, E.  $c$  430 W. 122  
 Hadsell, E. G.  $\dagger gr ed$  412 West End ave.  
 Haeterkes, L.  $\dagger b$  100 Booraem ave., Jersey City  
 Haffner, G.  $\dagger gr$  414 W. 121  
 Hagadorn, M. J.  $\dagger pa$  Whittier  
 Hagan, H. F.  $\dagger e$  41 Morris, Yonkers  
 Hagedorn, B. I.  $\dagger ed$  Lawrence, L. I.  
 Hagemeyer, H.  $\dagger gr ed$  Whittier  
 Hagemeyer, M.  $\dagger gr ed$  Whittier  
 Haggerty, D. R.  $m$  415 W. 57  
 Haggerty, M. J.  $e$  61 Broadway  
 Hagopian, B.  $gr$  Livingston  
 Hague, W. G., Jr.  $ph$   
 Hahn, C. A.  $e$  1812 Ave. L, Bklyn.  
 Hahn, E. A.  $\dagger gr$  552 E. 87  
 Hahn, L. C.  $\dagger pa$  420 W. 121  
 Hahn, W.  $e$  280 Broadway  
 Hahn, W. F.  $c$  541 W. 141  
 Hahn, W. H.  $c$  413 Sterling Pl., Bklyn.  
 Hahner, L. J.  $\dagger b$  273 E. 176  
 Haigh, S. E. S.  $\dagger m$  39 Hillcrest ave., Summit, N. J.  
 Haight, E. G.  $\dagger e$  17 Monroe Pl., Bklyn.  
 Haight, V. M.  $m$  Montrose, N. Y.  
 Haines, C. E.  $m$  334 W. 56  
 Haines, S. D.  $\dagger gr ed$  1230 Amsterdam ave.  
 Hainfeld, A. G.  $ph$  Oyster Bay  
 Hajek, C. W.  $a$  51 Worthington, Winfield  
 Halbert, H. L.  $m$  3 E. 45  
 Haldenstein, H. W.  $c$  321 W. 92  
 Hale, E.  $\dagger pa$  1912 Loring Pl.  
 Hale, R. L.  $c$  10 St. Charles Pl., Bklyn.  
 Hall, A. M.  $\dagger pa$  503 W. 121  
 Hall, C. E.  $gr$  435 W. 117  
 Hall, D.  $\dagger b$  60 W. 76  
 Hall, E.  $\dagger pa$  400 W. 118  
 Hall, E. D.  $\dagger ed$  Whittier  
 Hall, E. M.  $\dagger e$  517 W. 171  
 Hall, E. S.  $\dagger gr$  420 W. 121  
 Hall, F. C.  $gr ed$  245 W. 48  
 Hall, G. B.  $c$  473 W. 140  
 Hall, H. L.  $\dagger gr$  420 W. 119  
 Hall, J. E.  $\dagger ed$  435 W. 119  
 Hall, L. M.  $\dagger pa$  1230 Amsterdam ave.  
 Hall, L. M.  $\dagger gr ed$  1422-52nd, Bklyn.  
 Hall, M.  $\dagger pa$  Whittier  
 Hall, M. B.  $\dagger b$  90 Morningside Dr.  
 Hall, M. P.  $\dagger gr ed$  245 W. 48  
 Hall, M. W.  $\dagger gr$  90 Morningside Dr.  
 Hall, R. M.  $gr ed$  Edgewater

Hall, R. S. *† b* 320 St. Nicholas ave.  
 Hall, W. E. *gr* 600 W. 122  
 Hallden, F. G. *e* 301 E. 40  
 Hallenbeck, E. C. *ph*  
 Halligan, J. A. *e* 370 Decatur, Bklyn.  
 Hallock, A. A. *m* 260 W. 57  
 Hallock, B. L. *† e* 240 Audubon ave.  
 Hallock, C. P. *e* 2244 Bronx Blvd.  
 Hallock, E. S. *mec*  
 215 S. Fifth ave., Mt. Vernon  
 Hallock, F. B. *c* Woodhaven  
 Hallock, H. *c* 136 Park ave., Leonia  
 Hallock, H. *e* 16 Jumel Terr.  
 Hallock, L. *† b* 2244 Bronx Park East  
 Halloway, C. L. *† b* 403 W. 148  
 Halper, S. R. *e* 8630-19th ave., Bklyn.  
 Halpern, B. *ph* 1032 Second ave.  
 Halpern, S. *c* 78 Chadwick ave.  
 Halpin, J. H. *l* 94 Main, Potsdam  
 Halsey, E. R. *† e* 341 Madison ave.  
 Halter, C. R. *c* 243 E. 123  
 Hamblin, J. *e*  
 1249 Columbia ave., Plainfield  
 Hambrecht, A. J., Jr. 35 St. Nicholas Terr.  
 Hamburger, E. L. *† e* 603 W. 138  
 Hamburger, R. *† e*  
 381 Vernon ave., Bklyn.  
 Hamer, E. E. *† ed* 55 Church, Montclair  
 Hamerman, L. *e* 217 E. 113  
 Hamilton, C. E. *m* 424-75th, Bklyn.  
 Hamilton, E. McC. *† e* 118 W. 13  
 Hamilton, E. P. *c* 627 W. 115  
 Hamilton, E. W. *† pa* Whittier  
 Hamilton, F. I. *† pa* 878 S. 17, Newark  
 Hamilton, H. C. *† pa*  
 299 Park ave., East Orange  
 Hamilton, H. H. *m* 520 W. 124  
 Hamilton, J. M. *† e* 32 E. 36  
 Hamilton, M. *† gr ed* 131 Riverside Dr.  
 Hamilton, O. T. *gr ed* 543 W. 121  
 Hamilton, R. W. *e* 318 W. 57  
 Hamilton, S. E. *† pa* Furnald  
 Hamilton, T. H. *gr* Hartley  
 Hamlin, H. B. *† e* 100 Convent ave.  
 Hamlin, L. *† e* 105 Morningside ave.  
 Hamman, M. D. *† e* 50 W. 55  
 Hammarstrand, A. M. *† und* 401 W. 118  
 Hammer, A. *c* 1488 Washington ave.  
 Hammerslough, W. J. *e* 221 W. 57  
 Hammond, V. *e* 24 W. 75  
 Hanauer, S. *e* 740 West End ave.  
 Hanauer, S. L. *c* 526 W. 111  
 Hanchett, D. S. *gr* 436 W. 27

Hand, F. A. *† gr* 142 E. 65  
 Handel, J. *† e* 1113 Prospect ave.  
 Handler, H. *e* Livingston  
 Handler, N. *ph* 2 St. Paul's Pl.  
 Handy, R. *† e* 44 E. 74  
 Handy, S. *gr ed* 30 Park Pl., New Rochelle  
 Hanel, L. L. *e* Hartley  
 Hanes, N. B. *a* Hartley  
 Hanf, N. F. *† e* 3 W. 102  
 Hanford, L. A. *† pa* 106 Morningside Dr.  
 Hanigan, J. L. *e* 143 W. 98  
 Hanel, L. L. *c* Hartley  
 Hankemeyer, H. M. *† pa* Furnald  
 Hankemeyer, N. W. *† b* Furnald  
 Hanlon, W. G. *c* 307 Center, Stapleton  
 Hanly, F. L. *† gr ed* 117 W. 90  
 Hanna, C. *gr ed* Livingston  
 Hanna, M. S. *† e* 630 Park ave.  
 Hannah, H. *† e* 527 W. 121  
 Hannan, W. S. *gr* 121 Mt. Hope Pl.  
 Hannel, E. *† e* 633 Leonard, Bklyn.  
 Hans, E. D. *ph* 992 Sixth ave.  
 Hanson, E. J. *† pa* Furnald  
 Hanson, R. *† gr* 105 E. 22  
 Hao, T. C. *e* 547 W. 123  
 Harap, H. *gr ed* 320 E. 52  
 Harap, I. *e* 318 E. 52  
 Hardenbergh, W. *j* 558 W. 113  
 Hardie, M. E. *† gr ed*  
 399 State, Hackensack  
 Hardiman, A. M. *† e* 504 E. 87  
 Hardiman, K. I. *† e* 504 E. 87  
 Hardwick, E. G. *† e* 662 E. 32nd, Bklyn.  
 Hardy, C. J., Jr. *l* 530 W. 114  
 Hardy, L. H. *m*  
 City Hospital, Blackwell's Island  
 Hare, C. A. *† e* 208-7th, Elmhurst  
 Harkness, M. M. *† e*  
 515 Clinton ave., Bklyn.  
 Harlam, E. J. *l* Hotel Bonta  
 Harmer, B. *† pa* St. Luke's Hospital  
 Harned, E. B. *† pa* 421 W. 121  
 Harned, E. T. *† gr ed* 421 W. 121  
 Haronian, C. H. *† e* 524 W. 122  
 Harper, H. *† gr ed* 940 Orchard, Peekskill  
 Harper, M. *† e* Short Hills, N. J.  
 Harper, W. R. *e* 120 Broadway  
 Harriman, I. F. *† pa*  
 51 River, Rahway, N. J.  
 Harrington, F. A. *† e* 547 W. 57  
 Harrington, M. K. *† e* Woodhaven, L. I.  
 Harris, A. T. *† b* Brooks  
 Harris, C. H. *† b* 51 Church, White Plains

- Harris, D. A. *e* 324 W. 101  
 Harris, D. E. † *b* 130 W. 57  
 Harris, E. H. † *pa* Whittier  
 Harris, F. L. † *gr* 8 Garden Pl., Bklyn.  
 Harris, F. W. *e* 615 W. 162  
 Harris, H. L. *gr ed* Livingston  
 Harris, J. *e* 108 W. 121  
 Harris, J. E. *ed* 510 Hancock, Bklyn.  
 Harris, M. † *e* 55 E. 130  
 Harris, M. H. *gr* 529 W. 123  
 Harris, M. M. † *e* 628 W. 114  
 Harris, N. K. † *b* 254 W. 103  
 Harris, S. D. *c* 1827 Belmont ave.  
 Harris, W. B. † *e* 433 Lenox ave.  
 Harrison, E. *m* 432 W. 58  
 Harrison, E. E. † *e* 420 W. 118  
 Harrison, E. E. *c* 2 E. 97  
 Harrison, F. † *gr ed* Furnald  
 Harrison, F. M. *m* 507 Atlantic, Stamford, Conn.  
 Harrison, L. † *e* 1054 Morris ave.  
 Harrison, M. † *b* 138 W. 104  
 Hart, B. B. † *gr ed* 270 Park, Hackensack  
 Hart, F. W. *gr ed* 414 W. 121  
 Hart, H. M. *gr* 25 Broad  
 Hart, L. M. † *b* 415 W. 120  
 Hart, M. D. *c* Hartley  
 Hart, M. E. † *pa* 364 S. Broad, Elizabeth  
 Hart, N. † *gr* 62 Montague, Bklyn.  
 Hartford, H. † *e* Deal, N. J.  
 Hartley, A. C. † *e* 559 W. 156  
 Hartley, W. *e* 17 Battery Pl.  
 Hartman, G. † *gr ed* 137 E. 40  
 Hartmann, A. E. † *ed* 104 Graham ave., Paterson  
 Hartmann, J. *m* 73 W. 89  
 Hartnett, E. E. *gr ed* 501 W. 123  
 Hartung, E. *c* 3277 Perry ave.  
 Hartung, J. A. W. *e* 538 W. 156  
 Hartung, M. M. † *gr ed* 944 Orchard, Peekskill  
 Hartwig, C. E. *gr* 250 W. 104  
 Harvey, E. † *pa* 625 Jefferson Pl.  
 Harvey, E. L. † *e* 523 W. 121  
 Harvey, L. E. † *e* 140 W. 69  
 Harvey, M. *mec* 129 W. 122  
 Harvey, R. L. *m* 166 Clinton ave., New Rochelle  
 Harwell, G. † *e*  
 Harwood, E. M. † *pa* Furnald  
 Harwood, R. *e* 125 W. 101  
 Haserot, F. S. *bu* 501 W. 121  
 Haskell, E. L. † *ed* 526 W. 114  
 Haskell, M. E. † *b* 14 Monroe, Mt. Vernon  
 Haskins, B. K. † *pa* Whittier  
 Haslup, A. † *e* 420 W. 121  
 Hastings, A. † *e* Whittier  
 Hastings, E. M. † *e* Hotel Margaret, Col. Heights., Bklyn.  
 Hastings, E. W. *c* 7 E. 87  
 Hathaway, H. R. *e* 867 W. 181  
 Hauck, J. *c* Flemington, N. J.  
 Haun, L. L. *gr* 54 E. 122  
 Haupin, J. P. *gr ed* Bloomfield, N. J.  
 Haupt, G. A. *c* 74 Church  
 Haupt, W. C. † *gr* 104 W. 118  
 Hauser, W. *e* 313 S. 11, Newark  
 Hausle, E. C. † *gr* 900 Tinton ave.  
 Hausman, A. E. † *gr ed* 690 Grove ave., Grantwood  
 Hausmann, E. *gr* 383 Clinton, Bklyn.  
 Hawes, E. W. † *e* 13 Leland ave., New Rochelle  
 Hawkes, J. B. *c* Hartley  
 Hawkins, G. T. † *ed* 118 E. 17  
 Hawkins, I. I. † *e* 255 Lafayette ave., Bklyn.  
 Hawkins, R. C. *c* 435 W. 117  
 Hawkinson, W. X. † *pa* 509 W. 121  
 Hawley, C. A. *gr* 600 W. 122  
 Hawley, E. A. † *pa* 141 Harrison, Bklyn.  
 Hay, R. † *e* Fanwood, N. J.  
 Hayden, E. P. *m* West Side Y. M. C. A.  
 Hayden, M. A. † *gr* 400 W. 118  
 Hayes, B. D. † *e* 601 W. 110  
 Hayes, K. A. † *ed* Furnald  
 Hayes, K. V. † *gr ed* 540 W. 122  
 Hayes, M. C. † *pa* 420 W. 121  
 Hayling, A. A. *ph* 138 W. 143  
 Hayman, S. F. † *e* 73 McKibben, Bklyn.  
 Haynes, F. F. † *b* 99 Claremont ave.  
 Hays, G. P. † *gr* 510 W. 124  
 Hays, M. *l* 2 S. Carlton ave., Arverne  
 Hayward, L. B. *e* 559 W. 140  
 Hazzard, S. B. *gr ed* 600 W. 122  
 Heacock, H. † *e* 86 Haven ave.  
 Heacock, L. *gr* 213 Main, Madison, N. J.  
 Heacock, M. J. † *b* 173 W. 85  
 Heacock, W. J. *c* 173 W. 85  
 Healy, E. McG., Jr. *c* 540 W. 113  
 Healy, T. F. *e* 143 W. 94  
 Heard, R. L. *e* 583 Riverside Dr.  
 Hearey, M. M. † *e* 415 W. 120  
 Hearst, E. † *gr* 106 Northern ave.  
 Heaton, F. O. *gr* 16 Minnesota ave., Dunton, L. I.

Hebald, S. *m* 57 Second ave.  
 Hecht, S. S. R. † *gr* 41 Bennett ave.  
 Heck, E. B. *m* 22 Gifford ave., Jersey City  
 Heckel, M. † *e* Little, N. J.  
 Hecker, R. L. *ph* Rye  
 Heckin, W. H. *e* 160 Claremont ave.  
 Heckman, A. W. *pa* 420 W. 119  
 Hedden, W. P. *c* 324 Pleasant ave.  
 Hedges, F. H. *j* Hartley  
 Hedley, P. † *e* 2238 Andrews ave.  
 Heekman, H. M. *e*  
 481 Morris Pk. ave., Mt. Vernon  
 Hegeman, L. M. † *uncl*  
 400 West End ave.  
 Heide, G. F. *e* 318 W. 57  
 Heil, B. C. † *e* 170 W. 74  
 Heilbut, L. † *pa*  
 233 Nott ave., Long Island City  
 Heilner, C. † *e* 35 W. 90  
 Heimann, S. M. *e* 51 E. 96  
 Heimberger, S. O. † *pa* Whittier  
 Heimerdinger, C. *l* 875 Park ave.  
 Heimerdinger, L. E. † *e* 81 E. 79  
 Hein, Y. † *e*  
 999 Boulevard E., Weehawken  
 Heine, C. de J. † *e* 2178 Broadway  
 Heine, H. J. † *e* 79 West Jersey, Elizabeth  
 Heinmiller, L. E. *gr ed*  
 66 Essex ave., Glen Ridge, N. J.  
 Heins, J. P. *pa* 49 E. 88  
 Heinzelmänn, P. *gr ed*  
 519 Van Cortlandt ave., Yonkers  
 Heitman, C. † *e* 489 Eighth ave.  
 Held, P. *uncl* 530 W. 144  
 Held, W. J. *e* 38 Morris, Yonkers  
 Heldt, F. H. *c* 48 E. 89  
 Helfer, A. *e* 1539 Third ave.  
 Helier, H. *c* 4 E. 82  
 Heller, M. *ph* 57 Pitt  
 Heller, M. Y. † *e* 801 West End ave.  
 Heller, N. H. *e* 42 Ave. D  
 Hellyar, M. † *gr ed* 168 W. 75  
 Helmer, H. T. *c* 163 Sixth ave., Bklyn.  
 Helwig, H. F., Jr. *c* 711 E. 18  
 Hemberg, H. G. *e* 861 Elsmere Pl.  
 Hemberg, J. B. † *e* 950 Stebbins ave.  
 Hemingway, H. D. † *e* Whittier  
 Henderson, A. G. *j* Hartley  
 Henderson, B. † *gr ed* Furnald  
 Henderson, F. W. *c* 411 W. 115  
 Henderson, H. P. † *pa* 421 W. 118  
 Henderson, R. E. † *b*  
 101 Columbia Heights., Bklyn.

Hendler, H. † *e* 1364 Washington ave.  
 Hendrickson, E. T. † *e* 827 E. 165  
 Hendry, E. † *pa* 527 W. 121  
 Henig, I. S. *ph* 284 W. Kinney, Newark  
 Henken, H. *ph* 425 W. 46  
 Henle, M. † *e* 215 W. 98  
 Henn, A. W. *gr* Livingston  
 Hennes, M. † *gr ed* 423 W. 120  
 Hennessy, C. M. † *e* 353 W. 120  
 Hennessy, H. M. † *b* Brooks  
 Hennion, E. M. † *e* 50 Morningside ave.  
 Henrichs, E. † *gr*  
 The Castle, New Rochelle  
 Henry, A. S. G. *gr* 11 Morgan, Yonkers  
 Henry, B. L. † *gr* 106 Morningside Dr.  
 Henry, H. † *e* 632 West End ave.  
 Henry, L. † *e* 632 West End ave.  
 Henry, M. † *b* Brooks  
 Henry, M. E. *gr*  
 Dickinson High School, Jersey City  
 Henry, M. Y. † *gr*  
 92 Highland ave., Jersey City  
 Hepburn, C. A. † *e*  
 Broad, Bloomfield, N. J.  
 Herberg, W. A. *e*  
 380 Eleventh ave., Long Island City  
 Herberg, W. F. *e*  
 380 Eleventh ave., Long Island City  
 Herbert, A. J. † *ed*  
 88 Broadway, Bayonne, N. J.  
 Herbert, E. *gr* 1739 E. 13, Bklyn.  
 Herckner, C. † *pa* 609 W. 114  
 Herman, A. C. *c* 827 Manida  
 Herman, D. S. *m* 36 Bristol, Bklyn.  
 Herman, D. W. *c* Hartley  
 Herman, H., Jr. *e* 35 E. 60  
 Herman, H. *ph* 950 Longwood ave.  
 Herman, H. G. *l* 628 Third ave.  
 Herman, T. W. *e* Hartley  
 Hermann, M. † *e* 445 Riverside Dr.  
 Hernández, J. G. *uncl* 368 W. 57  
 Herod, E. † *b* 126 Claremont ave.  
 Herod, M. † *b* 126 Claremont ave.  
 Herold, P. J. *e* 381 Fourth ave.  
 Herr, L. A. *gr ed* 500 W. 122  
 Herre, E. F. † *gr ed* 388-8th, Bklyn.  
 Herrick, M. E. † *ed*  
 258 Lafayette ave., Passaic  
 Herring, A. M. † *gr* 811 E. 169  
 Herring, E. J. † *e* 82 Seaman ave.  
 Herrmann, A. F. *m* 161 W. 61  
 Herrmann, G. † *b* 1005 E. 40, Bklyn.  
 Herrmann, I. F. † *e* Lawrence, L. I.

- Herrmann, M. † *b* 21 E. 92  
Herschman, B. † *e* 216 W. 100  
Hershhorn, H. *c* 367 Ralph ave., Bklyn.  
Herskovits, S. M. *ph* 1463 Madison ave.  
Herskovits, J. *e* 590 West End ave.  
Herson, C. J. *l* 301 E. 99  
Herterich, M. C. † *b* Tappan  
Hertz, G. L. *e* 4000 Third ave.  
Hertz, M. *ph*  
Hertz, S. *ph* 960 Kelly  
Herty, F. B. *c* 10 W. 84  
Hervey, A. B. † *e* 351 W. 114  
Herz, C. *c* 400 W. 118  
Herzig, G. B. † *e* 500 West End ave.  
Herzog, G. E. † *pa* 309-30th, Woodcliff-on-Hudson  
Herzog, M. R. † *pa* 38 E. 73  
Herzog, S. † *e* 246 W. 129  
Heslin, W. F. *m* 1024 Bedford ave., Bklyn.  
Hess, E. C. † *pa* 150 Steuben, Bklyn.  
Hessberg, R. H. † *b* 255 W. 84  
Hessler, R. H. † *e* 98 Lawrence  
Hettling, F. C. *c* 202 W. 74  
Hetzel, F. C. *m* 346 W. 57  
Hetzel, J. G. *e* 41 Hudson ave., West Hoboken  
Heuermann, H. F. † *e* Furnald  
Hewitt, L. 127 E. 21  
Hewitt, M. † *e* 127 E. 21  
Hewson, M. A. † *gr ed* 451 E. 121  
Hexter, G. J. *gr* 603 W. 111  
Heyde, W. F. *e* 163 Noble, Bklyn.  
Heyden, E. G. † *e* 149 Montgomery ave., Irvington  
Heyl, J. H., Jr. *m* 310 W. 56  
Heyliger, W. *e* 435 W. 119  
Heyman, F. † *b* 430 W. 118  
Heyman, R. † *e* 562 W. 148  
Heyman, S. † *e* 522 W. 112  
Heywood, D. † *e* 324 W. 103  
Hicka, H. L. † *b* Brooks  
Hicken, W. H. *e* 160 Claremont ave.  
Hicks, K. H. † *gr ed*  
Hicks, S. E. † *e* 142 Broad, Newark  
Hierholzer, C. O. *ed* 224 Seeley, Bklyn.  
Hiers, E. † *e* 76 W. 105  
Hiester, A. S. † *pa* 417 W. 121  
Higbie, E. C. *gr ed* 191 Claremont ave.  
Higgins, H. L. † *b* Brooks  
Higgins, O. C. † *pa* 27 High, Glen Ridge, N. J.  
Higley, K. V. † *e* Furnald  
Hildenbrand, S. M. † *gr ed* 1446 Fifth ave.  
Hilderman, C. † *gr* 442 E. 59  
Hildred, J. B. *c* Hartley  
Hildred, L. † *b* Brooks  
Hildreth, C. F. † *e* Furnald  
Hill, A. D. † *e* 539 W. 112  
Hill, A. W. † *pa* 61 Belvidere Pl., Yonkers  
Hill, C. E. *gr* 1120 Amsterdam ave.  
Hill, E. † *e* Furnald  
Hill, E. A. † *gr ed* 61 Belvidere Pl., Yonkers  
Hill, F. E. *gr* 794 West End ave.  
Hill, H. † *pa* 509 W. 121  
Hill, J. *e* 76 Manhattan ave.  
Hill, K. M. *c* 2218 University ave.  
Hill, M. B. † *e* Locust Point  
Hill, M. D. † *e* Pompton Lakes, N. J.  
Hill, N. G. † *j* 562 W. 149  
Hill, R. E. † *pa* Whittier  
Hill, T. W. *e* 310 W. 142  
Hill, W. F. *m* 299 York, Jersey City  
Hill, W. G. *e* Plandome  
Hill-Bryan, E. C. † *pa* 425 Fifth ave.  
Hiller, J. T. *e* 416 W. 118  
Hillman, H. C. *ph* 853 Southern Blvd.  
Hillman, M. *m* Livingston  
Hillquit, N. E. † *und* 214 Riverside Dr.  
Hills, B. † *gr* 419 W. 119  
Hills, M. E. † *gr* 106 Morningside Dr.  
Himber, I. *gr* 1820 Lexington ave.  
Himmel, A. A. *ph* 416 W. 56  
Himmelmann, S. *e* 433 W. 146  
Himmelstein, M. † *gr* 1411 Grand Concourse  
Himoff, L. † *pa* 104 W. 190  
Hinchliff, G. F. † *gr ed* Furnald  
Hind, C. M. *c* Hartley  
Hindermach, E. B. † *pa* Whittier  
Hines, A. E. † *e* 170 W. 123  
Hines, K. † *b* 870 S. 15, Newark  
Hinkel, M. E. † *gr ed* 418 W. 118  
Hipburn, D. B. † *gr* 1 Prospect Terr., East Orange  
Hirashima, M. *e* Hartley  
Hirons, G., Jr. *mec* 244 W. 105  
Hirsch, E. *e* 60 E. 7  
Hirsch, M. H. *c*  
Hirschberg, A. A. *gr ed* 311 Wallabout, Bklyn.  
Hirshfeld, S. *m* 790 Riverside Dr.

- Hirshfield, I. W. *l* 46 W. 83  
 Hirshfield, I. W. *e* 616 W. 114  
 Hirst, K. R. *† pa* Whittier  
 Hirtz, J. *e* 156 Kent, Bklyn.  
 Hisazumi, H. *e* 4 E. 74  
 Hitchcock, G. P. *gr ed* 487 Clinton ave., Bklyn.  
 Hitchens, W. A. *e* 404 W. 116  
 Hixson, A. W. *gr* 645 W. 171  
 Hnuriques, D. *† b* 829 West End ave.  
 Hobart, R. T. *m* 10 Mt. Terrace, Upper Montclair  
 Hobbie, J. R., Jr. *gr* 60 W. 181  
 Hobbs, H. C. *† e* Room 2712, 61 Broadway  
 Hobe, E. B. *† b* Furnald  
 Hoch, A. G. *e* 29 First ave., L. I. City  
 Hoch, S. *† b* 100 Morningside Dr.  
 Hochman, S. C. *e* 853 E. 176  
 Hodenpyl, M. *† b* 37 E. 63  
 Hodenpyl, M. T. G. *† e* 174 Woodruff ave., Bklyn.  
 Hodes, J. *c* 509 Belmont ave., Bklyn.  
 Hodge, H. A. *† gr* 408 W. 115  
 Hodgen, M. *† gr* 44 Morningside Dr.  
 Hodges, A. B. *m* Livingston  
 Hodghead, L. K. *† e* 340 W. 118  
 Hodsdon, E. W. *† e* 232 Harrison ave., Jersey City  
 Hodgson, B. M. *† gr ed* 333 Park Hill ave., Yonkers  
 Hoeft, H. W. *e* 2163 Quimby ave.  
 Hoehn, E. *e* 410 E. 157  
 Hoff, A. *† b* 38 E. 72  
 Hoffberg, I. *mec* 158 E. 113  
 Hoffer, I. S. *gr ed* Livingston  
 Hoffman, E. *† e* 452 Ft. Washington ave.  
 Hoffman, E. *† gr ed* 2348 Aqueduct ave.  
 Hoffman, E. M. *† b* 505 W. 141  
 Hoffman, H. *† e* 219 W. 81  
 Hoffman, I. B. *c* Hartley  
 Hoffman, J. A. M. *† b* 505 W. 141  
 Hoffman, L. F. *c* 45 Elizabeth ave., Newark  
 Hoffman, M. *† b* 485 W. 135  
 Hoffman, M. C. *m* 1000 Park ave.  
 Hoffman, M. L. *ph* 365 S. 5, Bklyn.  
 Hoffman, R. *ph* 26 East Broadway  
 Hoffman, T. B. *† e* 320 W. 138  
 Hoffmann, A. F. *† e* Whittier  
 Hoge, A. A. *gr* 345 W. 57  
 Hagon, L. R. *gr ed* Livingston  
 Hogue, W. C. *e* 315 Fourth ave.  
 Hohl, S. M. *e* 309 W. 109  
 Holbrook, H. *† b* 795 St. Nicholas ave.  
 Holbrook, H. S. *† b* Brooks  
 Holbrook, H. S. *† gr ed* 90 Morningside Dr.  
 Holbrook, L. G. *† pa* Whittier  
 Holcke, H. A. *† e* 127 Urban, Mt. Vernon  
 Holden, D. *† ed* 138 Hamilton ave., Passaic  
 Holden, H. C. *e* 524 W. 123  
 Holden, H. E. *† pa* Long Island College Hospital  
 Holiday, S. G. *† gr ed* Furnald  
 Holland, S. *e* 1842 Prospect Pl., Bklyn.  
 Hollander, C. *c* 400 West End ave.  
 Hollander, F. *c* 113 S. 4, Bklyn.  
 Hollenback, M. C. *† e* 507 W. 121  
 Hollings, F. L. *† e* 407 E. 87  
 Hollingsworth, W. A. *e* 668 Riverside Dr.  
 Hollis, G. G. *† ed* 434 W. 120  
 Holloway, F. F. *† e* 140 W. 104  
 Holloway, M. H. *† e* 403 W. 148  
 Holloway, P. B. *e* Harriman Safe Deposit Vaults  
 Holly, E. *† ed* 566 Putnam ave., Bklyn.  
 Holly, J. E. *e* 618 W. 113  
 Holman, A. *† pa* 415 W. 115  
 Holman, A. *gr* 346 E. 173  
 Holman, L. C. *† ed* 280 Leonia ave., Leonia  
 Holman, M. L. *† e* 27 Pierrepont, Bklyn.  
 Holmes, A. A. *† e* East Rockaway, L. I.  
 Holmes, G. McN. *e* 283 Sterling Pl., Bklyn.  
 Holmes, J. L. *† ed* 600 E. 55  
 Holmes, M. C. *† gr ed* 136 Cambridge Pl., Bklyn.  
 Holmes, M. H. *† gr ed* Whittier  
 Holmes, R. *e* 39 Guion Pl., New Rochelle  
 Holoschutz, H. *† e* 237 W. 111  
 Holslag, R. C. *c* 403 W. 123  
 Holst, W. A., Jr. *c* 64 East ave., Long Island City  
 Holstein, D. *e* 723 E. 160  
 Holt, B. *† e* 116 Riverside Dr.  
 Holz, S. *† gr* 2783 Broadway  
 Holzleeter, J., Jr. *e* 872 Hart, Bklyn.  
 Holzman, E. *† e* 88 Central Park West  
 Holzman, J. M. *l* 26 Exchange Pl.  
 Holzwasser, F. *† gr* 517 W. 113  
 Homlet, H. *gr* 443 Central Park West  
 Hompe, M. *† bu* 434 W. 120  
 Honeywell, H. E. *† gr ed* 424 W. 119

- Honigsbaum, B. *c* 607 W. 122  
 Honsberger, G. M. K. *c* 420 W. 116  
 Hoorman, N. † *e* 520 Hudson, Hoboken  
 Hoover, T. J. *gr ed* 1120 Amsterdam ave.  
 Hopkins, A. McH. † *b* Brooks  
 Hopkins, E. A. *e* Hartley  
 Hopkins, G. *c* 352 W. 117  
 Hopkins, I. G. *e* 542 W. 124  
 Hopkins, M. † *ed* 945 St. Nicholas ave.  
 Hopkins, O. † *e* Riverdale Country Sch., Riverdale  
 Hopkins, R. S. † *e* Huntington  
 Hopp, P. *e* 645 W. 161  
 Hopper, A. F. *pa* 24 Randolph Rd., Plainfield, N. J.  
 Hopper, L. R. † *und* 452 Classon ave., Bklyn.  
 Hopper, M. † *pa* Ridgewood, N. J.  
 Hopper, M. J. † *gr* 666 W. 207  
 Hopper, N. V. † *e* 509 W. 121  
 Hopping, A. † *gr* 417 W. 118  
 Hopping, C. M. † *pa* Whittier  
 Hoprock, A. H. *e* 215 Clark, Westfield, N. J.  
 Horan, H. J. T. *c* 2185 Seventh ave.  
 Horan, M. † *e* 131 Hillside ave., Newark  
 Horan, S. G. *c* 429 W. 117  
 Horcasitas, J. *c* 500 W. 122  
 Horn, L. † *b* 324 E. 67  
 Hornbeak, K. G. † *gr* 1230 Amsterdam ave.  
 Hornbeak, L. S. † *gr* 1230 Amsterdam ave.  
 Horowitz, B. *ph* 664 E. 160  
 Horowitz, E. A. *m* 152 W. 64  
 Horowitz, H. *c* 335 Crimmins ave.  
 Horowitz, J. *ph* 950 Second ave.  
 Horrigan, M. C. † *ed* 235 E. 57  
 Horsfield, M. B. † *gr* Rye Seminary, Rye  
 Hörst, R. F. *e* 113 Waverly Pl.  
 Horton, E. B. † *pa* Whittier  
 Horton, E. F. † *e* 199 S. Clinton, E. Orange  
 Horton, K. E. † *e* 12 W. 69  
 Horton, W. M. *gr ed* 600 W. 122  
 Horwitz, B. *e* De Witt Clinton H. S.  
 Horwitz, E. E. † *e* 279 Broome  
 Horwitz, S. † *e* 720 Riverside Dr.  
 Hosack, A. G. † *pa* 420 W. 118  
 Hossfeld, G. J. *c* 665 E. 31, Bklyn.  
 Hotchkiss, A. † *pa* 59 W. 48  
 Hotchkiss, M. A. † *e* 11 Lincoln ave., Greenwich, Conn.  
 Hott, J. H. *gr*  
 Hough, H. B. *j* Livingston  
 Houghton, R. † *b* 78 Bergen ave., Jamaica  
 Houlahan, J. M. *c* 614 S. Seventh ave., Mt. Vernon  
 Houlihan, M. A. † *gr* 109 W. Jersey, Elizabeth  
 House, F. E. † *gr ed* 420 W. 119  
 Houser, C. M. *e*  
 Housman, I. E. † *und* 519 Garden, Hoboken  
 Housman, M. C. *e* 749 Jennings  
 Hovey, E. B. † *e* Farnald  
 Howard, B. *c* 420 W. 121  
 Howard, D. K. *e* Pleasantville  
 Howard, F. R. † *gr* Farnald  
 Howard, G. C. † *e* 420 W. 121  
 Howard, H. K. † *und* 135 E. 52  
 Howard, J. W. *m* Livingston  
 Howard, T. H. *e* 555 Park ave.  
 Howd, E. A. † *e* 607 E. 17, Bklyn.  
 Howe, A. C. † *e* 815 Ocean ave., Bklyn.  
 Howe, E. A. † *e* 214 W. 92  
 Howe, F. R. † *pa* St. Luke's Hospital  
 Howe, R. J. † *pa* 250 Adelphi, Bklyn.  
 Howell, J. E. *m* 377 W. 58  
 Howell, J. T., Jr. *m* Livingston  
 Howell, L. † *pa* 434 W. 120  
 Howell, R. M. *e* 538 W. 114  
 Howkins, J. S. *m* 437 W. 59  
 Howley, C. P. *m* 406 W. 34  
 Hoysradt, G. F. *gr* Livingston  
 Hoyt, H. † *e* 521 W. 112  
 Hoyt, J. † *e* 241 W. 71  
 Hritz, G. P. *a* Hastings-on-Hudson  
 Hritz, J. *c* 2 E. R. R. ave., Hastings-on-Hudson  
 Hsi, J. T. *bu* 424 W. 115  
 Hsu, S. C. *l* Livingston  
 Hu, I. T. *gr ed* Hartley  
 Huang, C. K. *gr* Livingston  
 Huang, F. H. *gr* 416 W. 118  
 Huang, H. L. *gr* Hartley  
 Huang, Y. S. *und* Livingston  
 Hubbard, F. T. † *pa* Farnald  
 Hubbard, F. W. *e* Rahway, N. J.  
 Hubbard, M. † *e* 44 Highwood Terr., Weehawken  
 Hubbard, R. W. † *pa* Whittier  
 Hubbell, P. G. † *ed* 80 Grand ave., Rockville Centre  
 Hubel, E. † *ph* 215 E. 71



Hubert, I. *ph* 1535 Maidson ave.  
 Hudler, V. † *pa* 139-25th, Elmhurst  
 Hudson, L. D. † *ed* 37 Carteret, Newark  
 Hudson, P. L. *m* 321 E. 42  
 Huebner, A. *c*  
 121 Westervelt ave., New Brighton  
 Huebner, C. E. † *e* 2554 Bailey ave.  
 Huelsenbeck, A. L. *c* 565 W. 113  
 Huettner, A. F. *gr* 554 W. 125  
 Huffman, R. H. *l* Livingston  
 Hugart, A. F. *e* 2565 Sedgwick ave.  
 Huggard, E. G. † *b*  
 104 Union ave., Lynbrook  
 Hughes, A. W. † *ed* Dobbs Ferry  
 Hughes, E. M. † *gr ed* 420 W. 118  
 Hughes, F. L. *m* 318 W. 57  
 Hughes, H. S. *c* Hartley  
 Hughes, J. F. *gr* 30 Church  
 Hughes, K. B. † *ed* 542 W. 124  
 Hughes, M. F. *e* 138-17th, Flushing  
 Hughes, R. M. † *pa*  
 112 Park ave., Paterson  
 Hughes, R. T. *e* 151 Court  
 Hughes, W. M., Jr. *m* 346 W. 57  
 Hulbert, F. C. *c* 7 W. 92  
 Hull, I. McF. † *gr ed* 156 Clinton, Bklyn.  
 Hull, O. L. *gr* 1362 Fulton ave.  
 Hulme, H. C. † *pa* 673 E. 29, Paterson  
 Hume, C. † *gr* Whittier  
 Hume, G. D. † *e* 283 Rivington  
 Hume, H. G. † *gr*  
 2261 Loring Pl., University Heights  
 Hume, H. I. † *ed* Furnald  
 Humfeld, F. Q. † *pa* 519 W. 121  
 Hummel, A. S. *l* 3688 Broadway  
 Humphrey, F. H. † *e* Furnald  
 Humphrey, L. G. † *gr ed*  
 106 Morningside Dr.  
 Humphrey, R. B. *e* 290 W. 12  
 Humphreys, M. *ph* Furnald  
 Humphreys, P. A. † *gr ed*  
 Humphries, J. H. † *gr* 519 W. 123  
 Hung, W. *gr* 600 W. 122  
 Hungerford, E. R. † *ed* 838 Riverside Dr.  
 Hunken, V. L. † *e* 325 E. 197  
 Hunsicker, A. S. † *pa* 503 W. 121  
 Hunt, C. W. *gr ed* 531 W. 124  
 Hunt, D. C. † *pa* 751 Marcy ave., Bklyn.  
 Hunt, H. † *e* 239 Central Park West  
 Hunt, M. M. † *gr* 50 W. 95  
 Hunt, R. *e* 53 E. 132  
 Hunter, C. J. *j* 633 W. 115  
 Hunter, M. W. † *e* 1230 Amsterdam ave.

Huntington, E. T. † *pa*  
 16 Glen ave., Mt. Vernon  
 Huntington, H. S. † *e* 1926 Walton ave.  
 Huntington, M. E. † *e*  
 Edge Hill Inn, Spuyten Duyvil  
 Huntley, M. F. † *pa* 419 W. 118  
 Hupeld, H. *e* Montclair  
 Hupper, M. A. † *gr ed* 430 W. 118  
 Hurewitz, E. † *b* 2 W. 88  
 Hurlbutt, C. M. *e* 1182 Madison ave.  
 Hurley, E. M. † *gr ed*  
 189 Charles ave., Port Richmond  
 Hurst, A. *e* 140 Broadway  
 Hurst, E. R. † *gr ed* Furnald  
 Hurt, H. W. *gr ed* 547 W. 123  
 Hurwich, L. *c* 251 W. 112  
 Hurwitz, H. *c* 265 Madison  
 Hurwitz, L. J. *m* 2023 Hughes ave.  
 Hurwitz, M. † *gr* 4215-12th ave., Bklyn.  
 Huston, F. L. H. † *e* 490 Riverside Dr.  
 Hutchens, D. K. *m* 211 Clinton  
 Hutcheson, M. H. † *pa* 542 W. 124  
 Hutchings, M. I. † *pa* Whittier  
 Hutchinson, F. L. *e* 33 W. 39  
 Hutchinson, S. J. *e* 51 W. 95  
 Hutchison, J. L. † *gr ed* Whittier  
 Huth, J., Jr. *ph* 540 W. 136  
 Hutner, S. *m* 1130 Union ave.  
 Hutsinpillar, J. † *gr ed* Furnald  
 Hutton, E. † *b*  
 134 Allen Pl., New Brighton  
 Hwang, S. H. *gr* 1090 Amsterdam ave.  
 Hyams, M. I. † *e* 423 W. 120  
 Hyde, J. B. *c* 11 W. 122  
 Hylbert, L. M. *gr ed* 421 W. 118  
 Hylbert, M. R. † *gr ed* 421 W. 118  
 Hyman, B. B. † *pa*  
 104 Greenpoint ave., Bklyn.  
 Hyman, B. D. † *gr* 138 E. 36  
 Hyman, L. R. *ph* 153 W. 66  
 Hyman, P. B. † *pa* Whittier  
 Hyman, S. J. *e* 544 Claremont Pkwy.  
 Hymans, H. *e* 2463 Valentine ave.  
 Iacuzzi, A. *gr* 30 Henry  
 Iba, K. *bu* 2323 Loring Pl.  
 Ickler, C. S. † *gr* 130 Claremont ave.  
 Ikezono, T. *gr ed* 175 Ninth ave.  
 Ikujiro, H. *gr* 102 W. 123  
 Ill, C. H. *m* 188 Clinton ave., Newark  
 Illidge, R. E. *c* 138 Haven ave.  
 Illman, F. G. *c* 325 W. 108  
 Illman, M. G. † *pa* Whittier  
 Imes, W. L. *gr* 600 W. 122

- Immel, M. von K. † *pa*  
     142 Archer ave., Mt. Vernon  
 Imovitz, I. M. *ph*      311 E. 72  
 Inge, J. † *pa*      180 Madison ave.  
 Ingersoll, J. C. *c*      627 W. 115  
 Ingersoll, M. G. † *pa*      527 W. 121  
 Ingerson, W. A. † *pa*      537 W. 121  
 Inglesse, J. *ph*      1773 Lexington ave.  
 Inks, E. † *ed*      420 W. 121  
 Insley, A. E. † *e*      519 W. 121  
 Inwright, H. M. † *gr*  
     400a Fairmount ave., Jersey City  
 Irby, A. L. † *b*      1230 Amsterdam ave.  
 Irvine, E. S. † *gr ed*      140 W. 103  
 Irwin, F. *e*      329-51st, Bklyn.  
 Irwin, W. S. *e*      135-40th, Corona  
 Isaacs, M. *gr ed*      210 Mt. Hope Pl.  
 Isaacson, A. I. *e*  
 Isaacson, C. B. *c*      48 W. 89  
 Isaacson, V. I. *gr*      1 E. 210  
 Isenberg, H. *e*      220 E. 10  
 Ishihara, K. *ed*      541 Lexington ave.  
 Iserson, H. R. *e*      276 Riverside Dr.  
 Israel, J. L. *l*      522 W. 123  
 Israel, R. G. *m*      312 W. 93  
 Ives, K. † *e*      1230 Amsterdam ave.  
 Ives, M. F. † *gr*      Furnald  
 Ivins, C. P. *c*      325 W. 108  
 Ivry, M. *bu*      5 E. 98  
 Iwasaki, U. *gr*      330 E. 57  
 Jaboolian, A. *e*      220 E. 25  
 Jaccard, L. † *gr*      126 Cleveland, Bklyn.  
 Jack, P. E. † *ed*      502 W. 122  
 Jackson, A. H. † *uncl*      415 W. 118  
 Jackson, A. R. † *b*  
     136 Oceanside Rd., Rockville Centre  
 Jackson, A. S. *m*      342 W. 56  
 Jackson, C. † *e*      Elmsford  
 Jackson, H. H. *c*      63 E. 92  
 Jackson, O. L. † *e*      Highwood, N. J.  
 Jackson, R. A. *gr ed*  
     54 Grand ave., Leonia  
 Jacob, E. H. † *pa*      777 West End ave.  
 Jacobi, H. G. *m*      871 E. 170  
 Jacobia, S. P. *l*      303 E. 161  
 Jacobs, A. † *e*      527 W. 121  
 Jacobs, B. C. † *e*      437 W. 124  
 Jacobs, B. L. *e*      1842 Seventh ave.  
 Jacobs, D. M. † *b*      364 W. 119  
 Jacobs, E. † *b*      201 W. 112  
 Jacobs, E. † *e*      1057 Morris ave.  
 Jacobs, I. W. *m*      1917 Walton ave.  
 Jacobs, J. B. *m*      700 E. 163  
 Jacobs, J. H. *e*      64 E. 90  
 Jacobs, L. *c*      331 Williams ave., Bklyn.  
 Jacobs, M. *c*      1917 Walton ave.  
 Jacobs, S. J. † *gr*      70 Irving Pl.  
 Jacobs, S. R. *c*      37 W. 70  
 Jacobsen, E. A. † *gr ed*      Furnald  
 Jacobsen, H. † *e*      215 W. 105  
 Jacobsen, L. M. *ph*      1650 Madison ave.  
 Jacobsen, W. H. *c*  
     172 Rector, Perth Amboy  
 Jacobson, A. R. *ph*  
     103 Ashburton ave., Yonkers  
 Jacobson, D. † *e*      1012 Faile  
 Jacobson, M. † *e*      308 W. 73  
 Jacoby, C. H. *e*      1305 Madison ave.  
 Jacoff, S. *ph*      312 E. 33  
 Jacoff, W. *ph*      46 Stagg, Bklyn.  
 Jacoves, S. V. † *e*      1611-50th, Bklyn.  
 Jaeger, D. P. *e*  
     c/o N. Y. Tel Co., 15 Dey  
 Jaeger, H. *c*  
     84 Marion Pl., Rockville Centre  
 Jaffe, J. *ed*      706 Quincy, Bklyn.  
 Jaffe, L. *ph*      4519 Third ave., Bklyn.  
 Jaffe, L. R. *gr ed*      438-4th, Bklyn.  
 Jaffray, A. E. † *e*  
     92 Hope, Stamford, Conn.  
 Jagle, E. C. † *e*      8 W. 77  
 Jaglowski, E. A. † *pa*      Whittier  
 Jahn, H. M. † *ed*  
     202 Lexington ave., Passaic  
 Jail, H. M. † *a*      Furnald  
 Jalovaara, A. *e*      7 W. 92  
 Jame, J. *l*      401 E. 154  
 James, J. L. † *e*      414 W. 118  
 James, M. † *pa*      501 W. 121  
 Jameson, J. C. † *e*      139 Montague, Bklyn.  
 Jamieson, S. G. *c*      627 W. 81  
 Jammal, M. A. *ph*      39 Willow, Bklyn.  
 Jampolsky, A. *c*      78 E. 96  
 Janes, M. B. † *pa*      837 Jennings  
 Janney, R. S. † *pa*      Whittier  
 Jaques, G. W. *e*      44 Morningside Dr.  
 Jarcho, J. R. *e*      88 E. 108  
 Jarecky, F. H. † *b*      138 W. 86  
 Jarrell, A. † *e*      6 W. 87  
 Jarvis, B. *e*      218 Stone ave., Yonkers  
 Jarvis, R. F. † *b*      Brooks  
 Jasperson, F. K. *e*      Livingston  
 Jayne, L. H. *l*      E. Setauket  
 Jebens, C. W. † *e*  
     Queens Blvd., Elmhurst, L. I.  
 Jelinek, F. F. † *gr*      745 Riverside Dr.

- Jenchol, S. *c* 481 Claremont Pkwy.  
 Jenison, E. S. † *gr* 100 Morningside Dr.  
 Jenkins, D. L. † *e* 20 South, Haverstraw  
 Jennings, A. S. † *b* 44 E. 89  
 Jennings, F. B., Jr. *m* 86 Park ave.  
 Jennings, G. E. † *pa* Whittier  
 Jennings, H. † *b* 413 Hillside ave., Jamaica  
 Jennings, L. † *pa* 340 W. 85  
 Jennings, M. A. † *b* 44 E. 80  
 Jennison, H. A. *ed* 15 Central ave., Staten Island  
 Jensen, E. B. † *pa* 90 Morningside Dr.  
 Jensen, L. G. *c* 1603 Castleton ave., Port Richmond  
 Jentz, V. D. † *b* 92 Sherman Pl., Jersey City  
 Jepson, L. M. *gr* 523 W. 123  
 Jeremiah, R. S. † *b* 202 W. 74  
 Jeruchmanow, H. *ph* 487 E. 139  
 Jesse, M. D. † *gr ed* 541 Lexington ave.  
 Jesser, E. A. *e* 23 Maxweber ave., Hillside  
 Jessup, C., Jr. *gr* 177 Taylor, Bklyn.  
 Jeteur, M. *gr ed* 414 W. 118  
 Jewell, M. F. † *gr*  
 Joachim, B. *c* 161 Tompkins ave., Bklyn.  
 Joachim, H. M. † *pa* Whittier  
 Joachim, L. H. *c* 1214 President, Bklyn.  
 Joblove, H. *e* 222 W. 122  
 Joelson, J. J. *m* 83 Fair, Paterson  
 Joern, M. † *e* 380 E. 167  
 Joffe, B. M. *e* 1384 Prospect ave., Bronx  
 Joffe, L. A. † *e* 1560 Amsterdam ave.  
 Joffe, R. *c* 1560 Amsterdam ave.  
 Johann, N. E. † *gr* 3774 Park ave.  
 Johanson, A. M. *gr* 550 W. 114  
 Johns, L. W. † *e* 82 Washington Pl.  
 Johnson, A. E. † *ed* 21 Grant, Morrison, N. J.  
 Johnson, A. H. *c* 345 Cliff ave., Pelham  
 Johnson, A. J. † *e* 311 W. 78  
 Johnson, A. M. † *b* 87 Vernon ave., Mt. Vernon  
 Johnson, B. F. † *e* 404 W. 115  
 Johnson, B. M. † *pa* Furnald  
 Johnson, B. T. † *e* Hotel Marie Antoinette  
 Johnson, E. F. † *b* 514 W. 134  
 Johnson, E. W. † *pa* 21 Grant, Morristown  
 Johnson, F. C. *m* 346 W. 57  
 Johnson, F. E. *gr* 12 E. 88  
 Johnson, I. M. † *pa* 106 Morningside Dr.  
 Johnson, J. † *ed* 16 W. 128  
 Johnson, J. H. *c* 173 W. 63  
 Johnson, J. M. *uncl* 77 Herkimer, Bklyn.  
 Johnson, K. † *pa* Whittier  
 Johnson, L. † *ed* 519 W. 121  
 Johnson, L. *e* 138 W. 139  
 Johnson, L. E. † *pa* 62 Newark ave., Jersey City  
 Johnson, L. F. *a* 536 W. 114  
 Johnson, L. I. † *pa* Whittier  
 Johnson, M. C. † *pa* Whittier  
 Johnson, S. E. † *pa* 508 W. 122  
 Johnson, S. T. † *e* 102 W. 36, Bayonne  
 Johnston, E. L. † *gr* 132 W. 79  
 Johnston, G. E. *c* Northport  
 Johnston, K. *c* 758 St. Marks ave., Bklyn.  
 Johnston, R. R. † *b* 435 W. 119  
 Johnston, S. J. † *e* 842 E. 225  
 Johnstone, E. † *pa* Grantwood  
 Jones, A. † *e* 82 Decker ave., Port Richmond  
 Jones, A. L. † *pa* 138 Hendrix, Bklyn.  
 Jones, B. M. † *gr ed* Whittier  
 Jones, B. V. † *e* 524 W. 124  
 Jones, C. S. † *pa* Whittier  
 Jones, C. V. † *gr ed* Furnald  
 Jones, D. M. † *pa* Whittier  
 Jones, E. C. *uncl* 150 Fifth ave.  
 Jones, E. L. † *pa* 78 Hamilton ave., Yonkers  
 Jones, E. T. † *gr* 1 Midland ave., White Plains  
 Jones, E. W. *c* 540 W. 113  
 Jones, F. S. † *e* 195 Claremont ave.  
 Jones, G. L. B. *c* 851 President, Bklyn.  
 Jones, H. B. † *b* 357 W. 121  
 Jones, H. M. † *m* 326b President, Bklyn.  
 Jones, H. O. † *e* 230 W. 105  
 Jones, J. L. *m* 10 W. 61  
 Jones, L. E. † *ed* 2223 Benson ave., Bklyn.  
 Jones, L. L. † *ed* 69 Main, Lodi, N. J.  
 Jones, O. McK. *gr* 611 W. 112  
 Jones, R. R. † *b* Brooks  
 Jones, R. W. † *pa* 510 W. 124  
 Jones, S. A. D. *l* 357 W. 110  
 Jones, W. D. *e* 316 W. 19  
 Jones, W. D. † *uncl* 62 W. 56  
 Jordan, A. *e* 522 W. 152  
 Jordan, A. M. *gr ed* 510 W. 124  
 Jordan, K. † *e* 1952 Anthony ave.

- Joseph, B. I. † *e*  
 Joseph, D. B. *e* 776 Hewitt Pl.  
 Joseph, H. *c* Ocean ave., Rosedale  
 Joseph, I. *e* 363 Steinway ave.  
 Joseph, K. † *pa*  
 314 Central ave., Jersey City  
 Joseph, M. *e* 67 W. 95  
 Josephine, B. *e* Englewood Cliffs, N. J.  
 Josephson, A. † *b* 2132 Daly ave.  
 Josephson, C. *ph* 341 Bleecker  
 Josephson, M. *c* Hartley  
 Josephson, R. † *e*  
 57 Twelfth ave., Paterson, N. J.  
 Josey, C. C. *gr* 620 W. 116  
 Jospe, L. H. † *e* 132 W. 121  
 Journey, R. C. *gr* 524 W. 124  
 Joyce, M. C. † *pa*  
 44 Seventeenth ave., Paterson  
 Jud, F. C. † *uncl*  
 119 Franklin, Jersey City  
 Judge, A. G. † *e* 235 W. 75  
 Judge, G. M. † *gr* 922 President, Bklyn.  
 Judge, K. M. † *e* 521 W. 122  
 Judson, A. I. † *b* Brooks  
 Judson, E. † *pa* 417 W. 120  
 Judson, R. L. † *gr*  
 11 Bellaire Dr., Montclair, N. J.  
 Juster, I. *c* 25 E. 99  
 Kabak, J. *c* 1533 Minford Pl.  
 Kadushin, M. *c* 3609 Broadway  
 Kafka, B. E. † *b* 1337 Madison ave.  
 Kafka, V. R. † *gr* 1230 Amsterdam ave.  
 Kahan, I. T. *c*  
 346 New Jersey ave., Bklyn.  
 Kahane, R. M. *e*  
 35 Academy, Long Island City  
 Kahn, C. L. *l* 505 W. 143  
 Kahn, D. † *b* 1967-62nd, Bklyn.  
 Kahn, E. *c* 254 E. 68  
 Kahn, E. † *e* 542 W. 112  
 Kahn, E. H. *e* 123 Java, Bklyn.  
 Kahn, E. P. † *e* 25 Claremont ave.  
 Kahn, H. R. *l* 241 W. 112  
 Kahn, L. † *b* Brooks  
 Kahn, L. A. *c* 203 W. 107  
 Kahn, M. C. *gr* 251 W. 95  
 Kaiser, H. W. *e* Fort Lee  
 Kakinchi, S. *gr*  
 c/o Yokohama Specie Bank, 12 Broadway  
 Kalb, A. I. *pa* 400 E. Houston  
 Kalendarian, V. H. *l* 500 W. 122  
 Kalet, S. *e* 315 Parkside, Bklyn.  
 Kalish, A. † *ph* 907 Trinity ave.  
 Kalman, H. *c* 60 St. Marks Pl.  
 Kalman, L. *gr* 879 Elsmere Pl.  
 Kalvio, T. † *e* 10 Oak, Belleville, N. J.  
 Kamil, M. *c* 820 E. 170  
 Kammerer, C. F. *c*  
 4 Park Circle, White Plains  
 Kammerer, M. K. † *b* 526 W. 123  
 Kamsler, B. V. † *pa* 228 W. 141  
 Kane, H. S. *c* 469-47th, Bklyn.  
 Kane, R. F. *l* 213 Boerum, Bklyn.  
 Kandel, M. *me* 77 Second ave.  
 Kaneko, G. J. *l* 517 E. 77  
 Kann, M. † *e* 970 Park ave.  
 Kanofitch, I. † *e* 1845 Sterling Pl., Bklyn.  
 Kantor, H. G. *c* 443 E. 139  
 Kantor, I. *e* 200 W. 111  
 Kaplan, B. † *e* 1062 Morris ave.  
 Kaplan, B. D. *gr* 481 E. 171  
 Kaplan, D. R. † *e* 947 Ave. St. John  
 Kaplan, G. *e* 106 W. 113  
 Kaplan, H. R. *e* 421 W. 118  
 Kaplan, I. *e* 274 Henry  
 Kaplan, I. *ph* 319 E. 13  
 Kaplan, I. F. *gr* 523 E. 13  
 Kaplan, I. M. † *e* 947 Ave. St. John  
 Kaplan, L. *c* 412 E. 58  
 Kaplan, L. † *pa* 790 Riverside Dr.  
 Kaplan, L. L. *e* 199 Forsyth  
 Kaplan, M. *m* 700 Cauldwell ave.  
 Kaplan, M. *m* 32 Pike  
 Kaplan, N. *c* 1620 Union, Bklyn.  
 Kaplan, V. T. *me* 548 Riverside Dr.  
 Kappes, G. L. *c* 146 W. 123  
 Kappus, P. † *e* 228 W. 140  
 Karch, J. A. *j* 1411 Grand Concourse  
 Kardy, J., Jr. *ph* 320 E. 54  
 Karlick, M. *ph* 285 Brook ave.  
 Karp, J. *c* 496a Monroe, Bklyn.  
 Karpel, A. † *e* 73 W. 115  
 Karr, G. † *e*  
 134 Ashland ave., Bloomfield, N. J.  
 Kashden, A. *ph* 27 Canal  
 Kashden, H. A. *l*  
 750 Flatbush ave., Bklyn.  
 Kassakian, G. † *e*  
 126 Cedar, Ridgfield Pk., N. J.  
 Kassel, M. *m*, 98 Pulaski  
 Kassner, H. C. *ph*  
 201 Hillside ave., Jamaica  
 Kasson, D. *e* 1511 Charlotte  
 Kaster, M. L. † *pa* Whittier  
 Katchen, I. J. *c* Furnald  
 Katz, A. B. *c* 1858 Seventh ave.

Katz, F. W. <i>c</i>	Hartley	Keeler, L. M. † <i>ed</i>	395 State, Hackensack
Katz, H. <i>gr</i>	148 Maujer, Bklyn.	Keep, M. G. † <i>e</i>	7 E. 62
Katz, H. <i>ph</i>	234 E. 99	Keese, P. <i>e</i>	52 E. 19
Katz, L. † <i>e</i>	2927 Concourse	Kegerreis, R. <i>gr</i>	565 W. 139
Katz, M. <i>c</i>	362 Stockton, Bklyn.	Keierleber, J. <i>c</i>	520 W. 123
Katzen, J. <i>c</i>	154 Floyd, Bklyn.	Keiffer, E. M. † <i>e</i>	Greenwich, Conn.
Katzenmeyer, C. L. <i>l</i>	Livingston	Keiller, I. D. † <i>e</i>	21 Thorne, Jersey City
Katzenstein, G. E. † <i>e</i>	315 W. 98	Keith, E. V. † <i>b</i>	719 W. 180
Katzenstein, M. <i>c</i>		Kelleher, M. R. † <i>e</i>	2416 Morris ave.
	278 N. Fulton ave., Mt. Vernon	Keller, C. L. † <i>e</i>	981 Tinton ave.
Katzin, S. <i>gr</i>	1251-46th, Bklyn.	Keller, G. J. <i>pa</i>	Hartley
Katzman, J. <i>ph</i>	13 Rutgers	Kelley, C. M. <i>e</i>	100 W. 110
Kauffman, A. W. <i>gr</i>	600 W. 122	Kelley, J. † <i>e</i>	210 W. 122
Kauffman, H. <i>gr</i>	225 State, Hackensack	Kelley, L. <i>e</i>	Rockville Centre
Kaufhold, Edith M. † <i>pa</i>	417 W. 120	Kelley, R. C. <i>gr ed</i>	423 W. 120
Kaufhold, Esther M. † <i>pa</i>	Whittier	Kelley, T. A. † <i>e</i>	519 W. 121
Kaufman, A. J. <i>c</i>	196 Vernon ave., Bklyn.	Kellogg, C. L. † <i>e</i>	207 W. 85
Kaufman, B. B. † <i>e</i>	645 West End ave.	Kellogg, G. F. † <i>ed</i>	519 W. 123
Kaufman, C. E. † <i>e</i>		Kelly, A. G. † <i>e</i>	453 Third ave., Bklyn.
	777 Fourteenth ave., Paterson	Kelly, E. † <i>pa</i>	138 E. 36
Kaufman, E. <i>e</i>	216 W. 89	Kelly, F. C. † <i>ed</i>	Whittier
Kaufman, E. † <i>e</i>	1494 Lincoln Pl., Bklyn.	Kelly, F. E. † <i>e</i>	Metuchen, N. J.
Kaufman, J. W. <i>c</i>		Kelly, G. B. <i>c</i>	456 E. 179
	1150 De Kalb ave., Bklyn.	Kelly, J. A. <i>gr</i>	Livingston
Kaufman, L. <i>ph</i>	74 E. 111	Kelly, J. C. <i>e</i>	
Kaufman, R. C. † <i>pa</i>	600 W. 161		135 Front, c/o Kruse, Quanjer & Co.
Kaufman, L. D. <i>c</i>	54 W. 94	Kelly, J. F. <i>e</i>	1622 Neptune ave., Bklyn.
Kaufman, S. L. <i>e</i>		Kelly, J. I. † <i>ed</i>	527 W. 121
	1914 Homecrest ave., Bklyn.	Kelly, L. E. † <i>e</i>	264 W. 46
Kaufmann, M. S. † <i>b</i>	316 W. 101	Kelly, M. A. <i>e</i>	357 W. 57
Kaufmann, H. A. <i>c</i>	15 W. 90	Kelly, M. A. † <i>e</i>	
Kaupe, R. † <i>e</i>			131 Railroad ave., Mamaroneck
	236 Howard ave., Grymes Hill, S. I.	Kelly, M. B. † <i>e</i>	119 E. 29
Kay, H. † <i>e</i>	131 W. 56	Kelly, M. F. † <i>e</i>	620 W. 147
Kay, H. B. † <i>pa</i>	520 W. 122	Kelly, M. M. † <i>e</i>	204 S. Broad, Elizabeth
Kayan, C. F. <i>e</i>	328 E. 30	Kelly, N. F. † <i>e</i>	4 Pratt, New Rochelle
Kayden, E. M. <i>gr</i>	Hartley	Kelly, T. D. <i>m</i>	357 W. 57
Kean, F. R. † <i>gr ed</i>	Whittier	Kelly, T. P. <i>gr</i>	90 McLean ave., Yonkers
Keane, K. S. † <i>e</i>	Mountain Lakes, N. J.	Kemerer, M. U. <i>c</i>	546 W. 114
Kearney, C. H. † <i>gr</i>	Hotel Rutledge	Kemp, E. J. <i>c</i>	547 W. 123
Kearney, S. V. † <i>e</i>	150 River ave.	Kemp, M. D. † <i>pa</i>	512 W. 122
Keary, W. J. <i>e</i>	1030 Faill	Kemp, W. C. B. <i>gr</i>	Hartley
Keasbey, L. E. † <i>b</i>	452 Riverside Dr.	Kempner, S. M. <i>c</i>	44 W. 88
Keating, C. † <i>e</i>	128 W. 74	Kendall, R. C. † <i>ed</i>	560 W. 192
Keating, J. M. <i>e</i>	25 Broad	Kendrick, C. † <i>pa</i>	Philipse Manor
Keatz, G. <i>c</i>	359 W. 117	Kennard, E. M. † <i>b</i>	
Keck, D. † <i>b</i>	30 N. 26, Flushing		40 Benedict ave., Tarrytown
Kee, C. W. <i>e</i>	8 E. 126	Kennedy, A. C. † <i>e</i>	305 Riverside Dr.
Keefe, A. W. † <i>e</i>	419 W. 118	Kennedy, J. A. <i>e</i>	552-1st, Bklyn.
Keefe, G. M. † <i>pa</i>	Furnald	Kennedy, J. B. <i>c</i>	1024 Hudson, Hoboken
Keehn, H. † <i>b</i>	11 N. York, Paterson	Kennedy, J. D. <i>c</i>	608 W. 113
Keeler, L. † <i>b</i>	106 Morningside Dr.	Kennedy, M. T. † <i>e</i>	504 W. 143

- Kennedy, O. I. † *pa* Whittier  
 Kennedy, W. J. *gr* 1737 Weeks ave.  
 Kennerly, M. D. † *pa* 1230 Amsterdam ave.  
 Kenneth, D. W. *e* 375 Edgcombé ave.  
 Kenney, M. C. † *e* 1014 Third ave.  
 Kenny, J. B. *e* 162-5th, Hoboken  
 Kenny, K. M. † *e* 326 W. 80  
 Kenny, L. † *e* 106 Morningside Dr.  
 Kent, H. F. † *gr* 44 W. 100  
 Kent, J. R. L. † *e* 91 Crown, Corona  
 Kenyon, F. † *b* 322 W. 100  
 Keogh, T. *c* 655 W. 179  
 Kerdasha, G. L. *m* 546 Park ave., Weehawken  
 Kerekes, F. *mec* 330 E. 77  
 Kerkhoven, R. *e* 58 W. 90  
 Kerkow, P. † *e* 610 W. 114  
 Kerr, F. J. *e* 3915 Broadway  
 Kerr, G. M. † *b* 418 W. 118  
 Kerr, R. W. E. *c* 559 Mott ave.  
 Kerr, W. C. *gr* Union Theo. Seminary  
 Kershow, H. E. *e* Hudson Heights., N. J.  
 Kerwien, M. K. † *e* 53 W. 130  
 Kesser, H. *e* Highwood, N. J.  
 Kessler, D. *e*  
 Kester, R. B. *gr* 457 W. 123  
 Ketcham, E. M. † *pa* 163 Lexington ave.  
 Ketcham, P. S. † *ed* 412 Summit ave., Westfield, N. J.  
 Ketterlinus, E. † *j* Brooks  
 Keuffel, E. † *e* 18 King ave., Weehawken  
 Keutgen, B. H. † *e* Hotel Newton  
 Key, C. B. † *gr* Furnald  
 Keyes, J. † *e* Whittier  
 Khatshco, L. G. † *b* 232 Henry  
 Khatunzeff, H. † *e* 215 W. 91  
 Khrabroff, I. † *e* 640 Riverside Dr.  
 Khrabroff, M. † *e* 640 Riverside Dr.  
 Kibel, I. *m* 635 E. 138  
 Kidd, F. L. † *b* 455 Ft. Washington ave.  
 Kidder, E. Y. † *e* Furnald  
 Kieffer, G. L. *gr* Rosedale  
 Kiehl, S. J. *gr* 502 W. 122  
 Kiendl, F. *c* 105 Pennsylvania ave., Bklyn.  
 Kienninger, J. F. *c* 387 E. 200  
 Kilborne, N. J. *gr* 600 W. 122  
 Kilburn, H. T. *mec* 537 W. 121  
 Kilinski, E. A. *c* 523 W. 156  
 Kilroe, J. C. *c* 408 Manhattan ave.  
 Kim, F. *ph* 1879 Madison ave.  
 Kimball, D. B. *gr* 600 W. 122  
 Kimball, L. E. † *gr* 435 W. 119  
 Kimball, R. B. *m* 51 E. 58  
 Kimball, T. H. *c* Hartley  
 Kimmel, E. R. *ph* 1477 Ave. A  
 Kimmel, M. † *gr* 416 W. 118  
 Kimmey, E. M. † *e* 66 E. 88  
 Kimura, T. *gr* 605 W. 111  
 Kindleberger, P. G. C. B. *c* 420 W. 116  
 King, C. L. † *pa* 106 Morningside Dr.  
 King, G. *m* 64 W. 51  
 King, H. H. *e* 124 E. 28  
 King, I. B. *e* 41 W. 16  
 King, M. † *pa* Whittier  
 King, M. B. † *e* 798 Valley Rd., Upper Montclair  
 King, M. E. † *gr* 135 E. 52  
 King, S. E. *e* 818 E. 163  
 Kingan, I. J. † *pa* Furnald  
 Kingsland, M. H. † *e* 143 E. 37  
 Kinne, F. I. † *e* 744 Fairmount Pl.  
 Kinsman, J. W. *e* 120 Broadway  
 Kintner, A. W. † *pa* 675 E. 18, Paterson  
 Kinzel, A. B. *c* 2082 Fifth ave.  
 Kircher, F. D. *e* 146 Berkeley ave., Bloomfield, N. J.  
 Kirchberger, O. † *e* 1125 Madison ave.  
 Kirchheimer, S. M. *c* 50 W. 77  
 Kirillow, M. † *e* 1639 Mount Hope ave.  
 Kirk, S. † *e* 128 W. 74  
 Kirkman, C. † *b* Furnald  
 Kirkman, L. V. † *b* Furnald  
 Kirsch, J. I. *ph* 56 E. 120  
 Kirschbaum, J. O. *e* 740 Trinity ave.  
 Kirschenbaum, A. *e* 554 E. 149  
 Kirschenmann, J. J. *c* 3911 Ft. Hamilton ave.  
 Kirschner, L. † *e* 348 E. 58  
 Kirsh, B. S. *c* 123 W. 118  
 Kish, E. † *ph* Whittier  
 Kislik, L. K. *m* 246 E. Tremont ave.  
 Kitay, M. *c* 43 W. 70  
 Kitay, S. † *b* 43 W. 70  
 Kitchen, A. S. *e* Hartley  
 Kitzinger, H. † *e* 339 Van Cortlandt Pk. ave., Yonkers  
 Kitzinger, R. C. *c* 210 W. 109  
 Kjerskog-Agersborg, H. P. A. von W. *gr* C. N. Y.  
 Kladvivko, L. † *j* 274 Theodore, Astoria  
 Klaer, A. † *ed* 268 Park, Hackensack  
 Klaer, B. † *pa* 520 W. 122

- Klar, S. † *e* 1164-47th, Bklyn.  
 Klasky, L. H. † *e* 527 W. 121  
 Klatt, F. † *e* Englewood  
 Klauber, A. E. *ph*  
 74 Pennsylvania ave., Rosebank, S. I.  
 Klauberg, M. J. † *pa* 316 W. 82  
 Klausner, D. M. *l*  
 401 Hoboken ave., Jersey City  
 Klee, S. † *e* 285 Central Park West  
 Kleeberg, G. S. P. *e* 110 W. 76  
 Klein, Adolph P. *e* 12 W. 33  
 Klein, Adolphe P. *e* 4 W. 92  
 Klein, C. † *e* 531 E. 78  
 Klein, C. A. *e* 61 Broadway  
 Klein, C. E. † *e*  
 353 Garden ave., Mt. Vernon  
 Klein, H. D. † *e* 100 Cathedral Pkwy.  
 Klein, L. N. *e* 1237 Hoe ave.  
 Klein, M. *c* 137 W. 119  
 Klein, M. † *e* 1442-46th, Bklyn.  
 Klein, S. *e* 137 W. 119  
 Klein, S. *m* 887 Forest ave.  
 Kleinberg, S. † *e* 70 Sheriff  
 Kleine, M. H. *e* 55 Hanson Pl., Bklyn.  
 Kleiner, F. † *pa* Hotel Monterey  
 Kleinfeld, E. S. † *ph*  
 Kleinfeld, L. *m* 24 E. 99  
 Klemes, I. S. *m* 1497 Madison ave.  
 Klemper, J. *e* 834 Kelly  
 Klenert, L. *e* 254 W. 112  
 Klenke, E. L. † *b*  
 5 Faneuil Pl., New Rochelle  
 Klepper, L. H. † *ed* 1379-54th, Bklyn.  
 Kliatscho, A. G. † *pa* 232 Henry  
 Kline, J. M. *l* Hartley  
 Kline, J. S. *l* 408 W. 115  
 Kline, M. D. † *b* 16 Marion, Nyack  
 Kling, D. C. † *gr ed*  
 480 McDonough, Bklyn.  
 Klingenstein, P. *m* 102 E. 79  
 Klinger, G. S. † *e* 46 W. 96  
 Klopman, V. † *b* Brooks  
 Klotz, E. W. † *e* Pelham Manor  
 Klotz, O. T. *e* 438 W. 213  
 Kluger, A. *e* 1382 Stebbins ave.  
 Klumph, H. † *e* 15 W. 12  
 Knapp, C. M. *gr* 1737 Sedgwick ave.  
 Knapp, C. S. *m* 346 W. 57  
 Knauer, W. J. *m* 395 Sixth ave.  
 Knecht, F. M. † *e* 200 W. 110  
 Kneeland, H. *gr* 39 Charles  
 Kneip, M. H. † *gr ed* 106 Morningside Dr.  
 Kneiper, R. H. † *b* 1084 Amsterdam ave.  
 Knickerbocker, E. V. B. *gr*  
 393 Edgecombe ave.  
 Knickerbocker, J. H. *c*  
 456 Manhattan ave.  
 Knickerbocker, W. S. *gr*  
 456 Manhattan ave.  
 Knight, H. R. *j* Park Avenue Hotel  
 Knight, M. G. † *gr ed* 430 W. 119  
 Knighton, M. † *pa* 207 W. 107  
 Knights, L. M. † *e* 155 W. 129  
 Knodel, R. E. *c* 903 Prospect ave., Bronx  
 Knowles, F. T. *gr ed* Bellerose  
 Knowlton, F. S. M. † *e* Hewlett, L. I.  
 Knox, I. V. † *pa* Whittier  
 Knox, J. P. *l* 422 E. 144  
 Knudsen, A. *e*  
 1018 Freedom ave., Ozone Park  
 Kobelin, I. R. † *ph*  
 301 Central ave., Leonia  
 Koch, A. T. *c* 446-6th, Bklyn.  
 Koch, E. † *e* 162 E. 37  
 Koch, E. E. † *b* 229 Fifth ave., Bklyn.  
 Kodet, R. *ph* 404 E. 71  
 Koehler, A. W. † *e*  
 52 Palisade Rd., Elizabeth  
 Koenig, E. † *e* 36 Bellevue ave.  
 Koenig, F. † *e* 86 Haven ave.  
 Koenig, H. † *b* 105 E. 19  
 Koenig, H. A. *c* 429 W. 117  
 Koepficus, H. *c*  
 267 New York ave., Jamaica  
 Koerner, A. † *e* 601 W. 137  
 Koerner, S. † *b* 601 W. 137  
 Kogan, S. *ph* 1496 Vyse ave.  
 Kohayashi, Y. *gr* 161 W. 93  
 Kohl, A. *ph*  
 361 Central ave., Jersey City  
 Kohlman, S. † *e* 170 W. 73  
 Kohn, E. † *b* 107 W. 120  
 Kohn, M. G. † *pa* 220 Wadsworth ave.  
 Kohn, R. E. † *uncl* 501 W. 121  
 Kohn, R. I. *c* 122 E. 58  
 Kohnstamm, D. † *b* 611 W. 114  
 Kohnstamm, M. E. † *b* 611 W. 114  
 Kolbe, A. † *gr* 503 W. 121  
 Kohosoff, R. † *e* 515 W. 125  
 Kondo, F. N. *gr* 102 W. 123  
 Kondo, S. *bu*  
 c/o Furukawa & Co., Equitable Bldg.  
 Konowitz, I. M. *gr ed* 749 Jennings ave.  
 Konowitz, L. M. † *b* 749 Jennings ave.  
 Konowitz, M. *l* 749 Jennings ave.  
 Kontax, N. *c* 224 Lexington ave.

Kopald, S. † *b* 437 Throop ave., Bklyn.  
 Koplik, D. M. *c* 50 W. 77  
 Koplin, I. † *ph* 66 E. 111  
 Koppelman, N. † *e*  
 1142 Eastern Pkwy., Bklyn.  
 Koppisch, A. *ph* 210 Rankin, Elizabeth  
 Koral, I. *c* 161 Vernon ave., Bklyn.  
 Korn, H. † *pa* 411 West End ave.  
 Korn, H. *e* 924 West End ave.  
 Korn, H. R. *c* 1857 Madison ave.  
 Korn, S. *e* 924 West End ave.  
 Korn, S. C. *e* 238 E. 68  
 Korns, J. H. *gr* 101 W. 109  
 Kosberg, I. *e* 408 Marshall, Elizabeth  
 Kosower, A. † *e* 137 Penn, Bklyn.  
 Kosower, T. † *pa* 137 Penn, Bklyn.  
 Kossman, E. A. † *b* 220 Cathedral Pkwy.  
 Koster, L. M. † *b* 6 W. 66  
 Kotler, J. S. *e* 5 Willett  
 Koupal, D. † *e* 544 W. 145  
 Kozaki, M. *gr* 66 Vermilyea ave.  
 Khrabroff, M. † *e* 640 Riverside Dr.  
 Krackowizer, A. M. † *gr ed*  
 230 Franklin ave., Grantwood  
 Kraeling, C. H. *c* 132 Henry, Bklyn.  
 Kraft, R. L. *mec* 5004 Third ave., Bklyn.  
 Krakeur, R. *e* 18 W. 85  
 Kramer, E. P. † *e* 50 W. 77  
 Kramer, F. † *e* 255 E. Tremont ave.  
 Kramer, M. *e* 18 E. 106  
 Kramer, R. *m* 1919 Seventh ave.  
 Kramer, S. D. *gr*  
 1653 St. Marks ave., Bklyn.  
 Krane, D. G. *gr ed* 186 Lenox ave.  
 Kranowitz, W. C. *j* 278 W. 113  
 Krantz, M. B. E. † *b*  
 183 Argyle Rd., Bklyn.  
 Kranztohr, D. H. *e* 637 S. 12, Newark  
 Krasnow, F. † *gr* 46 S. 9, Bklyn.  
 Kraus, E. *mec* 362 Wadsworth ave.  
 Kraus, J. L. *c* 301 W. 108  
 Krause, L. F. † *pa* Whittier  
 Krause, R. U. *e* 537 Tinton ave.  
 Krauter, E. B. † *pa*  
 16 Appleton Rd., Glen Ridge, N. J.  
 Kravet, S. J. *ph*  
 694 Rockaway ave., Bklyn.  
 Krechevsky, J. *ph* 484 Grand  
 Krepela, R. *ph*, 31 Woodside ave., Elmhurst  
 Kreutzer, L. G. *mec* 1838 Gleason ave.  
 Kreykenbohm, C. † *gr*  
 7 Wallace ave., Mt. Vernon

Kreykenbohm, D. † *gr*  
 7 Wallace ave., Mt. Vernon  
 Kriegsmann, H. *c* 1055 Tiffany  
 Kriegsmann, H. E. † *b* 272 W. 90  
 Krieter, H. R. *e*  
 Room 3260, 120 Broadway  
 Kriger, A. M. † *e* 140 E. 19  
 Krimke, C. J. *ph* 1704 Lexington ave.  
 Krinsky, E. *m* 1263-49th, Bklyn.  
 Kroeger, R. C. *j* 430 W. 118  
 Kropnitsky, W. *ph* 493 Main, Orange  
 Krumwiede, H. A. *e* 462 W. 49  
 Krupp, E. † *e* 904 Lexington ave.  
 Kruse, K. H. † *e* 324 Pleasant ave.  
 Kubik, R. J. *ph* 170 Bergen, Bklyn.  
 Kubischta, F. C. *e* 1204 Franklin ave.  
 Kuchlik, J. *e* 187 Henry  
 Kudlick, L. † *pa* Furnald  
 Kuebler, E. M. † *e* 129 E. 19  
 Kuederly, J. † *e*  
 284 Bergen ave., Jersey City  
 Kuempel, M. † *e* 624 Hudson, Hoboken  
 Kuempel, W. O. *e* 624 Hudson, Hoboken  
 Kugelmass, I. N. *gr* 419 E. 5  
 Kuh, E. † *e* 587 Riverside Dr.  
 Kuhn, B. E. *c* Hartley  
 Kuhn, E. B. † *pa* 3099 Broadway  
 Kuhn, F. C. *c* 823 Church, Richmond Hill  
 Kuklin, N. *c* 425 W. 214  
 Kuhlman, H. † *pa*  
 539 Washington ave., Bklyn.  
 Kulakowski, B. D. *uncl* 2788 Broadway  
 Kumler, K. W. † *gr ed* 501 W. 120  
 Kümmerle, H. M. *gr ed* 538 E. 142  
 Kung, A. F. A. † *b* Furnald  
 Kunow, E. W. *e*  
 243 Virginia ave., Jersey City  
 Kuntz, R. † *e* 996 Tiffany  
 Kupec, W. J. *mec* 508 E. 78  
 Kupfer, E. C. † *e* 448 Harmon, Bklyn.  
 Kupfer, W. S., *gr* 171 Madison ave.  
 Kupferman, M. A. † *e* 498 Concord ave.  
 Kupjian, Z. *e* 329 Pearl, Bklyn.  
 Kurkjian, A. S. † *e* 501 W. 123  
 Kurtz, C. F. *gr* Livingston  
 Kurtz, J. *mec* 299 S. 2, Bklyn.  
 Kurzrok, E. G. † *e* 322 W. 100  
 Kurzrok, R. *c* 1520 Union, Bklyn.  
 Kushinsky, M. *ph* 424 S. 5, Bklyn.  
 Kuss, H. J. *ph* 513 E. 75  
 Kwong, K. L. *c* 370 W. 120  
 Kydd, M. M. † *b* 405 W. 118  
 La Barre, N. E. *c* 618 W. 113



La Bau, J. T. B. *ph*  
 Labenow, M. *pa* 375 S. 5, Bklyn.  
 Labovitz, N. *m* 342 W. 57  
 La Boyteaux, E. *† b* 320 Park ave.  
 Lacey, O. V. *† e* 214 E. 51  
 Lachmund, E. *† e* Tappan  
 Lack, G. *† e* 600 Lexington ave.  
 Lackey, A. McK. *gr* 541 W. 124  
 Lacruz, B. *e* 50 W. 82  
 Lacy, J. V. *gr ed* Union Theol. Seminary  
 Lacy, M. E. *† e* 537 W. 121  
 La Danie, M. *† gr ed* 49 W. 9  
 Ladd, M. *† e* 583 Riverside Dr.  
 Lafargue, F. C. *† e* Room 120, 120 Broadway  
 La Fetra, G. A. *† j* 106 Morningside Dr.  
 Laguardia, G. B. *c* 439 E. 118  
 Laguardia, H. *c* 439 E. 118  
 Laguardia, V. *† e* 439 E. 118  
 Lahiff, A. T. *† b* 201 W. 106  
 Lahiff, E. G. *† pa* 201 W. 106  
 Laico, R. *† e* 582 Lafayette ave., Bklyn.  
 Laipple, L. *† gr* Farnald  
 Lake, M. A. *† e* 1317 Delamere Pl., Bklyn.  
 Lake, M. L. *† pa* Whittier  
 Lake, M. M. *† e* 1317 Delamere Pl., Bklyn.  
 Lake, T. O. *m* 318 W. 57  
 Lally, E. M. *† gr ed* 434 W. 120  
 Lamb, C. E. *† pa* 417 W. 118  
 Lambert, C. *† b* 225 Rich ave., Mt. Vernon  
 Lambert, P. C. *† gr* 621 W. 135  
 Lambert, P. G. *j* 27 W. 10  
 Lambert, R. J. *c* 435-45th, Bklyn.  
 Lamond, H. C. *gr ed* Livingston  
 Lamont, J. W. *pa* 616 W. 113  
 Lamont, R. R. *gr* Livingston  
 Lamport, M. D. *† e* 333 Central Park West  
 Lamprecht, S. P. *gr* 600 W. 122  
 Lampson, M. E. *† e* 102 Morris ave., Mountain Lakes, N. J.  
 Lamson, E. E. *† ed* 510 W. 124  
 Lamson, J. R. *† pa* 500 W. 122  
 Lamson, R. *† pa* 38 Maple, Norwalk, Conn.  
 Lamson, R. W. *gr*, U. S. Food & Drug  
 Lab., Washington & Christopher  
 Lancefield, D. E. *gr* Livingston  
 Lancey, L. *† ed* 50 Irving, Ridgewood  
 Landau, L. A. *c* 1159 St. Johns Pl., Bklyn.

Landauer, T. P. *† b* Brooks  
 Landeau, L. W. *† e* 549 Riverside Dr.  
 Landesberg, J. *c* 123 Varet, Bklyn.  
 Landesman, A. F. *gr ed* 301 St. Nicholas ave.  
 Landon, J. F. *m* 908 West End ave.  
 Landon, M. L. *† gr* Brooks  
 Landreth, H. A. *† pa* Farnald  
 Landwehr, D. M. *† e* Babylon, L. I.  
 Landy, G. *gr* 517 W. 147  
 Lane, A. W. *m* 528 Main, East Orange  
 Lane, L. M. *† gr* 183 Jewett ave., Buffalo  
 Lanc, M. L. *† b* 546 W. 124  
 Lane, W. R. *e* 44 Morningside Dr.  
 Lang, A. T. *† e* 689 Melrose ave.  
 Lang, H. M. *† e* 131 E. Main, Mt. Kisco  
 Lang, H. O. *undl* 172 W. 81  
 Lang, J. *c* 185 Hemlock, Bklyn.  
 Lang, S. R. *e* 62 E. 90  
 Langdon, J. *c* 719 Fifth ave.  
 Langdon, L. *† e* Englewood Cliffs, N. J.  
 Lange, B. *† e* 206 E. 17  
 Lange, E. C. *e* Palisade  
 Lange, L. N. *† e* 531 W. 145  
 Langen, W. J. H. *ph* 616 E. 161  
 Langer, H. *† gr ed* 16 E. 120  
 Langley, E. E. *† ed* 420 W. 116  
 Langner, H. M. *† pa* Farnald  
 Langreich, W. P. *e* 2509 Seventh ave.  
 Langston, L. H. *gr* West Hoboken  
 Lanier, E. P. *† e* 501 W. 121  
 Lankow, G. W. *e* 660 First ave.  
 Lanthier, F. *† e* 246 W. 129  
 Lantz, L. B. *† pa* 519 W. 121  
 Lanza, F. *ph* 203 Prince  
 Lanza, J. N. *ph* 203 Prince  
 Lanza, N. M. *† a* 1830 Coney Island ave., Bklyn.  
 Lapinsky, S. A. *bu* 623 E. 178  
 Lapkin, N. *m* 118 W. 112  
 LaPointe, L. *† pa* Whittier  
 LaPrest, I. *† e* 410 W. 115  
 Larabie, M. A. *† bu* 464 Riverside Dr.  
 Largeman, F. H. *ph* 151 Navy, Bklyn.  
 Larios, M. *c* 505 W. 112  
 Larison, W. K. *c* 633 W. 115  
 Larrabee, H. A. *gr ed* 600 W. 122  
 Larson, A. *† e* 249 Lenox ave.  
 Larson, H. G. *c* 375 West End ave.  
 Larson, K. *† gr* 39 Charles  
 Larter, G. A. *e* 60 Mercer, Paterson  
 Larter, H. M. *c* 649 Lake, Newark

- La Salle, J. E. † *ed* 510 W. 123  
 Lascoff, F. D. *c* 1223 Lexington ave.  
 Laskey, A. B. *c* Bronxville  
 Lasser, M. † *pa* 224 Clinton, Bklyn.  
 Lathrop, A. S. *c* 558 W. 113  
 Latkin, S. *l* Hartley  
 Latour, C. C. *c* 1321 Franklin ave.  
 Lattmann, H. J. *e* 1055 College ave.  
 Latzer, I. A. † *gr ed* Whittier  
 Latzke, F. R. † *e* 362 Riverside Dr.  
 Latzke, P. † *e* 362 Riverside Dr.  
 Laub, C. G. *pa* 119 Rogers ave., Bklyn.  
 Laubgross, V. *c* 303 Hopkinson ave., Bklyn.  
 Lauer, M. I. † *e* 37 E. 72  
 Laufer, F. V. L. † *e* 30 Elizabeth, Paterson  
 Lautz, A. E. † *pa* Whittier  
 La Voy, De F. *ed* N. Tarrytown  
 Law, D. E. *m* 346 W. 57  
 Law, O. † *e* 540 W. 122  
 Lawber, S. *ph* 200 W. 143  
 Lawentman, I. *ph* 127 Ave. C  
 Lawless, K. † *e* 540 E. 76  
 Lawlor, C. E. † *ed* 506 W. 57  
 Lawn, J. M. *gr ed* 213 Hart, Bklyn.  
 Lawrence, E. S. *e* 77 W. 44  
 Lawrence, R. † *e* 599 Bedford ave., Bklyn.  
 Laws, G. † *ed* Furnald  
 Lawsing, M. B. † *pa* 546 W. 124  
 Lawson, A. *c* Sea Cliff, L. I.  
 Lawson, E. *e* 512 W. 122  
 Lawton, S. U. *m* Livingston  
 Law Yuk-luen, L. Y. L. *uncl* 225 E. 31  
 Lay, T. M. *c* 608 W. 113  
 Layers, M. G. † *e* 1158 Broad, Newark  
 Lazar, R. J. † *b* 724 Beck  
 Lazarus, H. *ph* 386 Lafayette ave., Passaic  
 Lazarus, S. † *e* 1007 Southern Blvd.  
 Lazerson, M. *m* 66 W. 114  
 Leach, F. S. *e* 416 Ft. Washington ave.  
 Leach, I. M. † *pa* 524 W. 124  
 Leahy, J. *e* 432 E. 77  
 Leahey, J. M. *c* 4687 Park ave.  
 Leal, M. † *ed* 105 E. 22  
 Lear, M. B. † *e* 223 W. 121  
 Leary, F. P. *gr* 418 15th ave., Paterson  
 Leary, W. H. *e* Post Office Bldg.  
 Lease, R. E. *m* 889 St. Nicholas ave.  
 Leavenworth, I. F. † *b* 114 E. 84  
 Leavitt, M. † *e* 533 Warwick, Bklyn.  
 Leavitt, P. B. *mec* 523 W. 113  
 LeBel, L. *m* 131 Walnut, Nutley, N. J.  
 LeBel, M. M. † *e* 4368 Richardson ave.  
 Le Cavalier, M. † *e* 235 W. 109  
 Leclerc, J. A. † *e* 1230 Amsterdam ave.  
 Leclercq, A. J. † *e* 1230 Amsterdam ave.  
 Leclercq, M. T. † *pa* 232 Knox ave., Grantwood, N. J.  
 Lederman, I. *ph* 330 W. 21  
 Leding, A. M. † *b* 59 Union, Ridgewood  
 Leding, R. H. *e* 59 Union, Ridgewood  
 Ledman, D. R. † *e* 124 W. 114  
 Ledyard, H. B. † *gr ed* Furnald  
 Lee, C. Y. *gr* 1090 Amsterdam ave.  
 Lee, E. † *pa* 456 W. 141  
 Lee, F. P. *l* 38 Donaldson Ave., Rutherford  
 Lee, K. † *e* 319 W. 105  
 Lee, K. F. † *ed* 69 E. 93  
 Lee, L. *ph* 515 W. 124  
 Lee, L. C. † *b* Brooks  
 Lee, M. T. † *gr* Whittier  
 Lee, P. R. *gr* 105 E. 22  
 Lee, S. C. *gr ed* 415 W. 115  
 Lee, V. † *e* Bayside Blvd., Bayside  
 Leede, H. E. H. *m* 201 Madison ave., Tompkinsville  
 Leeper, J. L., Jr. *e* 540 W. 122  
 Leerburger, A. B. *c* 320 Central Park West  
 Leerburger, B. A. *l* 320 Central Park West  
 Leers, F. A. *c* 146 Larch ave., Bogota, N. J.  
 Leers, F. J. † *e* 401 Straight, Paterson  
 Leet, P. F. † *b* 461 Ft. Washington ave.  
 Le Fevre, W. F. *c* 22 St. Charles Pl., Bklyn.  
 Leffingwell, E. T. † *pa* Whittier  
 Leffingwell, G. W. † *gr* 523 W. 121  
 Leffler, V. A. † *e* Whittier  
 Lefkowitz, G. *ph* 34 Lawrence, Lawrence  
 Lefton, A. P. *bu* 523 W. 113  
 Le Furge, L. † *e* Ardsley  
 Legge, F. E. † *pa* Furnald  
 Lehmaier, I. M. † *e* 140 W. 57  
 Lehman, C. † *e* Furnald  
 Lehman, E. *m* 611 W. 158  
 Lehman, E. H. *gr ed* 216 W. 100  
 Lehman, H. L. *e* 32 W. 47  
 Lehman, S. *mec* Hartley  
 Lehmayer, S., Jr. *l* 166 W. 87  
 Lehrer, T. † *e* 1501 Southern Blvd.  
 Lehrter, L. L. *e* 153 E. 54

Lehrman, M. *ph* 417 Brook ave.  
 Lehrman, P. *ph* 510 E. 139  
 Leibel, E. S. *c* 309 Fifth  
 Leibowitch, I. I. *e* 54 W. 114  
 Leichliter, C. S. *† pa* 52 Bleecker, Newark  
 Leigh, M. W. *† ed* Whittier  
 Leighton, H. K. *e* Hartley  
 Leiper, H. S. *gr* 321 Park ave., Leonia  
 Leistner, S. S. *ph* 625 E. 5  
 Le Jeune, M. *† e* 327 E. 60  
 Leland, B. T. *gr ed* 523 W. 122  
 Leland, F. K. *gr* 111 W. 11  
 Le Master, Z. R. *c* 540 E. 76  
 Lemcke, T. D. *† b* 14 Van Nest Pl.  
 Lemelson, J. *m* 666 Bay, Stapleton  
 Lemelson, L. *c* 666 Bay, Stapleton  
 Lena, F. T. *gr* 436 Park Hill ave., Yonkers  
 Lenetska, M. *e* 1016 Taile  
 Lennon, E. M. *† e* 470 W. 153  
 Lennon, F. A. *c*  
     75 S. Broadway, Hastings-on-Hudson  
 Lennon, F. M. *† b*  
     75 S. Broadway, Hastings-on-Hudson  
 Lent, M. E. *† b*  
     199 N. Broadway, Yonkers  
 Lentz, L. *e* 10 Convent ave.  
 Lenz, C. P. *e* 511 W. 168  
 Leo, S. T. *gr* 526 W. 123  
 Leon, A. *ph* 138 W. 66  
 Léon, R. *† gr* 380 Sterling Pl., Bklyn.  
 Leonard, C. A. *† pa* Whittier  
 Leonard, G. A. *† gr ed* 503 W. 121  
 Leonard, H. C. *e*  
     182 Hamilton ave., New Brighton  
 Leonard, M. *† pa*  
     209-34th, Woodcliff-on-Hudson  
 Leonard, M. J. *e*  
     322 Haven ave., Yonkers  
 Leonard, S. A. *gr ed*  
     12 Landscape ave., Yonkers  
 Leonard, S. I. *e*  
     62 Stuyvesant ave., Arlington, N. J.  
 Leonardo, R. A. *m* 333 W. 58  
 LePage, M. H. *† pa*  
     51 W. Sidney ave., Mt. Vernon  
 Lepperd, J. W. *gr ed* Atlantic Highlands  
 Lepow, B. *† e* 1345-56th, Bklyn.  
 Lerner, J. *l* 1501 Bryant ave.  
 Lessel, E. M. *† gr* Whittier  
 Lesser, J. *† b* 316 W. 97  
 Lesser, L. *† e* 362 Riverside Dr.  
 Lessing, E. *† gr* 1925 Andrews ave.  
 Lessing, R. *e* 915 Washington, Hoboken

Lester, A. L. *† pa* 40 Hamilton Terr.  
 Lester, C. W. *m* 421 W. 57  
 Lester, L. *c* 1335 Madison ave.  
 Lester, M. *† e* 214 Park Pl., Bklyn.  
 Leszcynski, A. R. *e* 201 W. 107  
 Leuchs, F. A. H. *gr* 600 E. 164  
 Leuchter, A. *e* 638 Crotona Park South  
 Leurs, G. E., Jr. *e*  
     262 Myrtle ave., Flushing  
 Leve, H. R. *m*  
     1594 Eastern Pkwy., Bklyn.  
 Leve, M. *† b* 490 West End ave.  
 Levene, G. *e* 626 Prospect ave.  
 Levenshon, L. *† e* 356 Second ave.  
 Levenson, S. *e* 550 West 180  
 Leventhal, R. *ph* Lenox ave. and 126  
 Levi, G. S. *c* 297 Decatur, Bklyn.  
 Levi, M. E. *† b* 18 W. 88  
 Levidow, H. *ph* 47 W. 113  
 Levic, M. J. *l* 740 West End ave.  
 Leven, N. G. *e* 548 Riverside Dr.  
 Levin, A. *ph* 189 Rockaway Rd., Jamaica  
 Levin, H. *m* 41 Main, Yonkers  
 Levin, M. *† e*  
     Bryn Mawr Park, Fowler House  
 Levin, N. *e* 315 Park ave., Newark  
 Levinbuck, J. *ph* 1640 Madison ave.  
 Levine, A. H. *e* 273 Madison  
 Levine, E. M. *† e* 352 W. 56  
 Levine, I. B. *l* 164 Clymer, Bklyn.  
 Levine, L. H. *m* 203 W. 148  
 Levine, M. *c*, c/o Florence Nightingale  
     School, Riverdale ave. & 238  
 Levine, M. H. *m* 9 E. 107  
 Levine, N. *e* 48 W. 114  
 Levine, N. *† e* 189 East Broadway  
 Le Vino, R. *† b* 519 W. 143  
 Levinson, G. M. *gr* 1057 Hoe ave.  
 Levinson, I. *† e* 110 Morningside Dr.  
 Levinson, W. B. *e* 225 E. 79  
 Levinthal, D. *ph* 604 Sutter ave., Bklyn.  
 Levison, M. A. *† b* 980 Fox  
 Levison, W. *l* 547 W. 147  
 Leviton, A. L. *† e* 777 Beck  
 Levitt, A. *c* 221 S. 4, Bklyn.  
 Levonian, P. S. *gr*  
     526 Clinton ave., West Hoboken  
 Levowitz, A. *† gr* 102 W. 115  
 Levy, A. *ph* 940 Fox  
 Levy, A. T. *† e* 251 W. 92  
 Levy, C. *† gr* 812 Elsmere Pl.  
 Levy, C. *† gr ed*  
     163 Fairmount ave., Newark

Levy, D. † e	403 W. 115	Li, C. H. ed	Livingston
Levy, E. c	339 E. 75	Li, K. M. bu	505 W. 124
Levy, E. P. † e	Furnald	Li, S. K. bu	547 W. 123
Levy, F. † e	601 W. 115	Li, T. K. c	505 W. 124
Levy, H. D. † e	61 E. 86	Liaider, W. † b	154 W. 84
Levy, H. H. e	492 W. 136	Liang, C. T. gr	525 W. 138
Levy, H. R. † pa	771 West End ave.	Libert, M. L. † pa	519 W. 121
Levy, H. W. ph		Libbin, T. J. gr	548 W. 113
155 Campbell ave., West Haven, Conn.		Liccione, I. J. † b	
Levy, I. F. † e	485 Central Park West	101 Mt. Vernon ave., Mt. Vernon	
Levy, J. R. † e	404 Clinton Bldg., Newark	Liccione, M. M. c	
Levy, L. m	104 E. 116	101 Mt. Vernon ave., Mt. Vernon	
Levy, L. L. c	864 Bushwick ave., Bklyn.	Liccione, W. T. M. m	
Levy, L. S. e	260 Riverside Dr.	101 Mt. Vernon ave., Mt. Vernon	
Levy, M. F. l	709 Bushwick ave., Bklyn.	Licht, H. C. gr	467 W. 143
Levy, M. L. † b	1335 Madison ave.	Lichtblau, B. † e	940 Fox
Levy, R. mec	100 W. 80	Lichtenstein, J. V. † b	Furnald
Levy, S. D. c	52 E. 87	Lichtenstein, M. gr	
Levy, V. ph		194 Bay 11, Bath Beach, Bklyn.	
60 Railroad ave., Mamaroneck		Lichterman, J. e	490 Grand
Lew, T. T. gr ed	Yale Sta., New Haven	Lichtman, A. † ph	17 E. 112
Lewinson, M. † j	535 W. 151	Lichtman, E. † e	21 Washington, Paterson
Lewis, A. mec	164 St. Nicholas ave.	Lidsky, L. e	206 Wilson, Bklyn.
Lewis, A. E. † pa	Whittier	Lieberman, D. c	28 E. 111
Lewis, A. G. † e	418 W. 118	Lieberman, H. M. c	509 W. 122
Lewis, A. H. † e	524 W. 184	Lieberman, J. gr ed	29 Cannon
Lewis, A. L. e	527 W. 123	Lieberman, M. c	157 Fifth ave., Bklyn.
Lewis, A. S. † e	780 West End ave.	Lieberman, N. c	58½ Kosciusko, Bklyn.
Lewis, B. † e		Lieberman, R. ph	73 E. 107
128 Highpoint ave., Weehawken		Lieberman, S. e	28 W. 113
Lewis, C. † e	165 Chestnut, Flushing	Lieberman, S. H. c	81 Chrystie
Lewis, D. H. m		Lieberman, E. † e	1383 Fifth ave.
Lewis, D. L. e	161 W. 36	Liebeskind, H. F. † b	
Lewis, E. E. † gr ed	507 W. 121	577 Nostrand ave., Bklyn.	
Lewis, E. S. † ed	515 W. 139	Lied, I. M. † pa	Whittier
Lewis, G. e	204 W. 94	Liefeld, H. T. e	437c Pulaski, Bklyn.
Lewis, G. E. e	Flushing	Lienau, A. W. c	141 E. 71
Lewis, H. W. † gr ed	Furnald	Lienhardt, W. S. c	97 Water, Stapleton
Lewis, I. B. † gr ed		Lieperson, E. † e	1381 Fifth ave.
26 Mountain ave., Edgewater		Lifschitz, M. M. e	410 Sumner ave.
Lewis, K. W. m	Short Hills, N. J.	Lifshay, M. c	53 W. 24
Lewis, L. A. † pa	Whittier	Liftin, L. S. c	260 W. 83
Lewis, L. F. † gr ed	Furnald	Light, J. R. c	
Lewis, M. M. † e	575 West End ave.	989 Boulevard E, Weehawken	
Lewis, P. S. c	627 W. 113	Light, R. H. ed	
Lewis, R. W. † e		118 Tuers ave., Jersey City	
100 Hobart, Ridgely Park, N. J.		Ligo, I. L. † und	524 W. 124
Lewis, S. L. gr	240 W. 122	Lilenfeld, S. Z. e	
Lewis, W. † e	Hotel Monterey	2914 W. 31, Sea Gate, Bklyn.	
Lewis, W. A. † b	118 W. 76	Lillie, D. A. † gr ed	Whittier
Lewis, W. L. e	41 Bennett ave.	Lim, K. O. † gr ed	Whittier
Lewy, R. L. † b	40 E. 83	Lin, H. L. gr	Livingston
Lewy, S. S. c	9 Storm ave., Arverne	Lind, D. A. † b	71 E. 96

Lind, E. M. † b	71 E. 96	Little, E. R. † ed	532 W. 111
Lindamood, K. † gr	1230 Amsterdam ave.	Littlefield, G. G. † e	
Lindberg, M. B. c			31 Belmont Pl., Passaic
Seamen's Church Institute, 25 South			
Lindeman, E. E. † b	Brooks	Littler, L. M. † pa	
Linden, A. C. m	266 S. 9, Bklyn.		28 Hazelwood Rd., Bloomfield, N. J.
Linder, E. S. † e	Mohegan Lake	Littman, S. e	508 W. 134
Linder, H. F. c		Littmann, L. e	40 Morningside ave.
	889 St. Marks ave., Bklyn.	Liu, T. T. gr	Hartley
Lindgren, J. A. c	116 W. 109	Liuni, F. c	31 Morton
Lindle, G. C. † m	434 W. 120	Liva, P. F. e	847 Third ave., Bklyn.
Lindner, A. A. † e	37 W. 90	Livingston, E. † pa	
Lindsay, D. e	31 Willett, Jamaica		155 Palisades ave., Englewood
Lindsay, F. R. † gr ed	501 W. 120	Livingston, L. † e	1127 Forest ave.
Lindsay, J. S. † e	419 W. 121	Livingston, M. Y. † e	Furnald
Lindsay, K. † gr	27 Barrow	Livshitz, M. e	509 W. 122
Ling, H. H. e	547 W. 123	Ljunggren, R. G. D. gr	
Lingane, R. J. c	Livingston		301 Livermore ave., Westerleigh
Lingg, E. † pa	503 W. 121	Lloyd, D. A. † pa	111 Manhattan ave.
Link, R. E. † e	174 W. 65	Lo, Y. e	415 W. 115
Linke, E. A. † gr ed		Lobel, A. c	377 Edgecombe ave.
	89 Bruce ave., Yonkers	Lobel, J. e	218 E. 115
Linker, M. † e	13 E. 11	Lobsenz, J. † e	233 W. 122
Linn, J. S. gr ed	Bay Shore	Lobsenz, M. c	104 Lexington ave., Passaic
Linn, T. C., Jr. j	Hartley	Lobsenz, S. c	3609 Broadway
Linsky, H. c	10 W. 102	Locke, L. H. † pa	420 W. 121
Lint, T. c	1819 Beverly Rd., Bklyn.	Lockhart, E. P. † pa	Furnald
Lintz, D. † e	1352 Carroll, Bklyn.	Lockhart, M. † b	81 Oak, Jersey City
Lintz, W. † gr ed	351 W. 114	Lockhart, M. † e	
Liotta, A. L. ph	201 Bay 43, Bklyn.		253 Paulison ave., Passaic
Lipari, E. P. E. † e	2071 Fifth ave.	Lockrow, A. E. † e	405 W. 118
Liphshitz, B. e	203 W. 119	Lockwood, H. † gr	
Lippe, A. A. gr ed	3 W. 128	Lockwood, M. I. † e	35 E. 75
Lippman, J. C. bu	Livingston	Loeb, E. M. e	680 West End ave.
Lippmann, E. B. † e	556 W. 180	Loeb, J. † ed	90 Morningside Dr.
Lippmann, R. K. c	50 Central Park West	Loeb, M. e	196 E. Broadway
Lipschitz, A. † e	157 W. 111	Loeb, M. D. † e	680 West End ave.
Lipschutz, S. e	69 W. 113	Loeb, W. E. e	875 Park ave.
Lipsett, N. ph	830 Hewitt Pl.	Loehr, J. E. c	531 W. 113
Lipsky, A. c	833 E. 170	Loewenthal, A. † e	132 W. 75
Lipsky, L. c		Lowenthal, M. e	110 W. 34
	18 Prospect Park Southwest, Bklyn.	Loewus, B. † e	255 W. 98
Lisberger, H. ph	4024 Fifth ave., Bklyn.	Loewy, M. B. a	587-21st, W. New York
Lisk, H. † gr ed	519 W. 121	Lohn, F. E. e	141 W. 111
Lissauer, F. † pa	68 E. 86	Loiseaux, R. L. c	519 W. 121
Litt, J. c	325 W. 108	Lombard, C. W. gr ed	Livingston
Littauer, E. V. m		Lombardi, A. a	168 Lenox ave.
	714 Bushwick ave., Bklyn.	London, R. B. † b	100 W. 80
Littauer, V. † b	227 E. 116	Londoner, D. M. c	839 Park Pl., Bklyn.
Littell, E. A. † ed	Haworth, N. J.	Long, C. gr	600 W. 122
Little, E. gr		Long, J. G. e	160 Claremont ave.
	1412 Oxford ave., Woodhaven	Long, M. P. † e	28 E. 68
Little, E. H. † gr ed	118-23rd, Elmhurst	Long, S. V. † e	523 W. 121
		Longaker, A. † b	Brooks

- Longeway, F. E. † *ed*  
Ossining School, Ossining
- Longfelder, Marjorie † *e* Whittier
- Longfelder, Myra † *e* Whittier
- Longman, W. N. *c* 927 President, Bklyn.
- Lonigan, M. E. † *gr*  
185 Prospect Park West, Bklyn.
- Loomis, A. J. † *e* 540 W. 122
- Loomis, B. T. *m* 15 W. 108
- Loomis, J. U. *l* 414 W. 121
- Loop, M. F. † *gr* 509 W. 121
- Lopacki, S. M. *l* Livingston
- Lopez, M. † *e* 424 Vanburen
- Lopez, M., de G. E. † *gr*  
106 Morningside Dr.
- Lord, G. † *pa* Whittier
- Lord, M. G. † *e* 623 W. 113
- Lord, M. W. † *gr* 438 W. 116
- Lord, S. W. † *uncl* 438 W. 116
- Lorenz, A. D. *e*  
41 Williams ave., Jersey City
- Lorenz, S. J. *c* 98 Magnolia, Newark
- Loth, M. † *m* 119 W. 74
- Lotridge, E. L. † *e* 160 Claremont ave.
- Lott, J. M. *c* 434 Riverside Dr.
- Lott, M. C. † *gr ed*  
99 Hardenbrook ave., Jamaica
- Louria, M. R. *c* 616 W. 114
- Lovejoy, D. E. † *gr* Furnald
- Lovejoy, S. † *e* 800 Riverside Dr.
- Loveland, E. M. *e*  
409 Prospect ave., Hackensack
- Lovering, M. † *gr* 132 W. 79
- Lowenberg, W. A. *j* 522 W. 112
- Lowenfeld, M. R. † *e* 106 E. 64
- Lowenkopf, H. J. *c* 189 Ave. B
- Lowenstein, E. † *b* 46 W. 73
- Lowenstein, I. T. † *pa* Whittier
- Lowenstein, L. *ph* 516 W. 184
- Lowenstein, M. W. *e* Hartley
- Lowenthal, M. *e* 110 W. 34
- Lowndes, B. † *gr* Furnald
- Lowria, H. W. *m* 249 Hewes, Bklyn.
- Lowrie, S. F. † *gr ed* 244 Spring
- Lowry, E. P. † *ed* 417 W. 120
- Lowther, F. de L. † *gr*  
404 McDonough, Bklyn.
- Lowy, E. A. † *e* 125 W. 112
- Lu, S. Y. *c* Livingston
- Luber, J. *c* 1429 Amsterdam ave.
- Lubetkin, I. *c* 73 E. 90
- Lucas, W. *e* 46 N. 8 ave., Whitestone
- Lucchesi, A. T. *ph* 2301 Morris ave.
- Luce, H. *m* Riverhead
- Lucey, D. C. *gr ed* 129 Sherman ave.
- Luckings, E. I. † *e* 851 Amsterdam ave.
- Luckings, J. F. † *e* 851 Amsterdam ave.
- Luddington, H. A. † *gr ed*  
167 Joralemon, Bklyn.
- Ludeke, H. E. † *e*  
919 Castle Pk., Terr., Hoboken
- Ludlam, F. L. † *e* 302 Central Park West
- Luft, H. L. *gr ed* Haverstraw
- Luftig, W. W. *c* 44 Ave. D
- Lugo, E. N. *e* 610 W. 150
- Luhrman, L. M. † *b* 115 Maple, Jersey City
- Lumb, H. C. † *e* 434 W. 120
- Lummis, J. I. † *gr* 620 W. 115
- Lundberg, H. L. *e* 382 E. 197
- Lupsha, F. *e* 82 Cortlandt
- Luria, M. A. *gr* Hartley
- Lurie, B. L. *ph* 646 S. 18, Newark
- Lurie, S. I. *e* 1408 Fifth ave.
- Lusskin, H. *m* 1015 E. 156
- Lustberg, R. C. † *bu* 789 West End ave.
- Lustig, M. *c* 103 S. 4, Bklyn.
- Luttan, I. H. *gr* 162 Second ave.
- Lutz, J. H. *e* 153 Calyer, Bklyn.
- Lutz, M. T. † *ed* 509 W. 121
- Lyall, D. C. *c* 608 W. 113
- Lyder, E. E. *gr*
- Lyder, E. K. *e* 2886 Heath ave.
- Lyder, R. V. *e* 11 Broadway
- Lyder, S. J. *e* 2886 Heath ave.
- Lyford, M. † *e* Whittier
- Lyman, D. A. † *pa* Whittier
- Lyman, F. † *e* 885 West End ave.
- Lyman, F. G. † *e* 885 West End ave.
- Lynch, C. † *gr*
- Lynch, E. † *e* 16 E. 130
- Lynch, T. B. *e* 16 E. 130
- Lynd, J. E. † *ed* 546 W. 124
- Lynn, M. † *ed* 419 W. 119
- Lynn, R. † *b* 25 W. 35
- Lyon, G., Jr. *e*  
Farragut ave., Hastings-on-Hudson
- Lyon, W. R. *e* 2228 Amsterdam ave.
- Lyons, A. A. † *j* 11 Dominick
- Lyons, E. E. † *e* Teachers College
- Lyons, D. † *e* 600 W. 116
- Lyons, L. R. † *gr* 214 W. 82
- Lytton, M. A. C. † *gr ed* Whittier
- Lytton, R. T. † *ed* Whittier
- McAllister, B. L. † *pa* Furnald
- McAndrew, H. † *b* 2758 Kingsbridge Terr.
- McArdell, W. E. † *ed* 434 W. 120

McCabe, A. S. *c* 107 W. 126  
 McCabe, B. F. *ph* 170 Amsterdam ave.  
 McCabe, E. J. S. *e* 1476 Vyse ave.  
 McCabe, H. *† b* Brooks  
 McCabe, J. *e* 1078 Stebbins ave.  
 McCabe, J. C. *e* 62 W. 45  
 McCabe, S. P. *c* 619 W. 113  
 McCaffrey, M. F. *† b* 106 Morningside Dr.  
 McCaffery, N. M. *† e* 163 W. 94  
 McCallum, A. B. *† pa* 145 Penn, Bklyn.  
 McCallum, K. L. *l* 429 W. 117  
 McCalmont, M. E. *† pa* 46 Dominick  
 McCann, F. *e* 262 Alexander ave.  
 McCarthy, C. J. *c* 302-23rd, Bklyn.  
 McCarthy, K. F. *† e* 601 W. 115  
 McCarthy, M. I. *† e* 211 E. 71  
 McCarthy, M. J. *e* 31 W. 124  
 McCarthy, W. V. *c* 2½ W. 113  
 McCaslan, W. H. *m* 27 W. 61  
 McCathie, G. W. *c* Livingston  
 McChesney, M. *† e* 35 Park, Montclair  
 McClintock, E. E. *† gr* Furnald  
 McCloskey, S. S. *c* 500 W. 122  
 McClumpha, C. W. *c* Furnald  
 McClure, H. *† gr ed* 1987 Morris ave.  
 McClure, S. S. *bu* Pleasantville  
 McColm, F. *† e* 620 W. 115  
 McConnell, B. A. *† pa* 1230 Amsterdam ave.  
 McConnell, I. *† pa* 599 W. 190  
 McCormack, H. J. *e* 1356 Putnam ave., Bklyn.  
 McCormack, K. *† e* 591 E. 137  
 McCormick, C. E. *† ed* 45 Suburban ave., Stamford, Conn.  
 McCormick, F. D. *c* 237 E. 48  
 McCorry, M. M. *† pa* 212 Java, Bklyn.  
 McCosh, M. *e* 30 Church  
 McCoy, L. L. *m*  
 McCoy, M. L. *† e* 508 W. 114  
 McCrae, A. *† gr ed* 526 W. 114  
 McCraven, B. N. *gr* 414 W. 121  
 McCrea, H. R. *† ed* Darien, Conn.  
 McCready, J. D. *c* 24 W. 75  
 McCreery, M. S. *† e* 324 W. 84  
 McCrery, J. *† pa* 416 W. 122  
 McCrum, A. *† gr ed* 140 Claremont ave.  
 McCutchen, R. *† e* 410 Riverside Dr.  
 McCutcheon, F. G. *† e* 9 W. 106  
 McDade, J. W. *e* 191 Milford ave., Newark  
 McDaniel, L. F. *† b* 564 Atlantic ave., Bklyn.

McDaniel, L. S. *gr ed* 600 W. 122  
 McDermott, J. F. *e* 14 W. 60  
 McDermott, W. *c* Hartley  
 McDonald, D. B. *† b* 550-7th, Bklyn.  
 McDonald, M. A. *† e* 520 West End ave.  
 McDowell, E. C. *† e* 77 Lefferts Pl., Bklyn.  
 McDowell, W. H. *e* Wards Island  
 McElhinny, C. V. *† pa* 269 W. 79  
 McElhinny, N. A. *† e* 540 W. 143  
 McElroy, M. A. *† gr ed* 510 W. 124  
 McEntegart, P. J. *l* 358 W. 51  
 McErlean, T. M. *c* 32 Grove  
 McEvoy, J. J. *c* 97 Walker  
 McGee, J. E. *gr* 110 Morningside Dr.  
 McGee, M. *† pa* 103 E. 16  
 McGiffert, A. C., Jr. *gr* 184 Claremont ave.  
 McGill, E. *† pa* c/o C. H. Rickert, Broadway, Flushing  
 McGill, E. A. *† e* 3100 Broadway  
 McGill, F. E. *† e* 415 W. 120  
 McGinn, C. A. *† gr ed* 2076-66th, Bklyn  
 McGinty, M. E. *† gr ed* 875 Putnam ave.  
 McGough, A. *e* 209 Pomeroy ave., Kearny, N. J.  
 McGowan, F. J., Jr. *c* 3605 Broadway  
 McGrady, J. A. *e* 709 W. 180  
 McGrath, F. *† e* 2493 Valentine ave.  
 McGrath, M. J. *† gr ed* 110 Morningside Dr.  
 McGraw, A. B. *m* 50 Vanderbilt ave.  
 McGregor, K. *† b* 435 W. 123  
 McGregor, K. M. *† gr ed* Hillburn, N. Y.  
 McGroarty, M. A. *† pa* 180 Madison ave.  
 McGuiness, A. B. *† e* 794 Hewitt Pl.  
 McGuinness, G. G. *† pa* 720 W. 180  
 McGuire, C. *e* 477 Franklin ave., Bklyn.  
 McGuire, M. F. *† e* Broadview ave., New Rochelle  
 McGwire, A. T. *e* Westfield, N. J.  
 McHale, K. *† ed* 1230 Amsterdam ave.  
 McHenry, L. B. *† ed* 315 Third ave., Roselle, N. J.  
 McIlwaine, A. *ph* 114 Madison, Paterson  
 McIndoe, E. L. *† e* 201 W. 105  
 McIntosh, M. *† pa* Whittier  
 McIntosh, M. F. *† gr* 415 W. 115  
 McIntyre, G. A. *† e* Whittier  
 McIntyre, E. M. *† pa* Furnald  
 McIver, M. *† pa* Whittier  
 McKay, B. *† gr* Furnald  
 McKay, H. E. *† e* 131 W. 79  
 McKay, L. P. *pa* 553 W. 141

- McKean, H. G. † *ph*  
184 Elm, New Rochelle
- McKechnie, M. W. † *pa* 420 W. 118
- McKee, F. R. † *e* 601 W. 113
- McKee, V. † *e* 601 W. 113
- McKelvey, R. † *gr* 61 Henry
- McKenna, J. A. *e* Coytesville, N. J.
- McKenna, W. M. *e* Coytesville, N. J.
- McKenzie, J. † *b* Whittier
- McKenzie, J. E. † *e*  
554 N. Broadway, Yonkers
- McKenzie, R. A. *m* 225 Central Park West
- McKenzie, W. H. *e* Livingston
- McKeon, R. P. *c*  
89 Bergenline ave., Town of Union, N. J.
- McKeown, M. † *pa* Whittier
- McKinley, S. B. *l* 205 W. 57
- McKinney, J. *ed* 72 Wheeler, West Orange
- McKisack, M. † *e* 57 Harrison, E. Orange
- McKnight, N. McD. *c*  
130 Ridge Rd., Rutherford
- McLane, F. M. † *gr ed* 229 W. 126
- McLaughlin, A. J. *e*  
18 St. James Pl., Bklyn.
- McLaughlin, K. S. † *e*  
17 Sidney Pl., Newark
- McLaughlin, M. A. *e* 145 Wadsworth ave.
- McLean, E. C. † *b* 445 W. 21
- McLean, M. † *ed*  
10 New England Terr., Orange
- McLeod, M. M. † *pa* Whittier
- McMahon, H. A. *uncl* Hartley
- McMahon, V. R. *c*  
41 Junction ave., Corona
- McMillan, C. F. † *pa*  
239 Central Park West
- McMillan, H. M. † *pa*  
176 Sterling Pl., Bklyn.
- McMillan, W. B. *gr ed* Chatham, N. J.
- McMinn, R. U. † *gr* 23 W. 106
- McNamara, J. A. *e* 1239 Franklin ave.
- McNaughton, J. S. † *ed* Whittier
- McNeely, W. H. *e* 671 Ninth ave.
- McNeill, J. F. *gr ed* 112 Java St., Bklyn.
- McNicol, S. G. † *e* 10 Miller, Newark
- McNulty, G. K. † *e* 884 Riverside Dr.
- McNulty, J. P. *e* 70 Morningside Dr.
- McPherson, W. W. *gr* 600 W. 122
- McQuillan, H. S. t. C. † *j* 415 W. 120
- McTeigne, F. M. † *pa*  
227 Summit ave., Mt. Vernon
- McTeigne, M. † *e*  
227 Summit ave., Mt. Vernon
- McVey, F. † *ed* 419 W. 119
- McVickar, P. B. † *b* Brooks
- Maas, A. K. † *b* 130 E. 72
- Mabbett, B. F. † *gr ed* Whittier
- Mabbott, T. O. *c* 23 W. 74
- Mabie, R. J., Jr. *c* 4260 Broadway
- Macadam, I. B. † *e* 331 W. 21
- MacAdams, H. *ph* Metuchen, N. J.
- MacArthur, E. † *pa* 100 Morningside Dr.
- MacCracken, J. E. *e*  
West Side Y. M. C. A.
- MacDermott, G. † *e* 340 W. 86
- MacDonagh, A. P. *e* 501-12th, Bklyn.
- MacDonald, C. C. † *gr ed* Lawrence
- MacDonald, J. † *b* Brooks
- Macdonald, K. † *e* 432 E. 25
- MacDonald, K. † *m* 15 Gramercy Park
- MacDonald, M. L. † *ed*  
106 Morningside Dr.
- Macdonald, W. *gr* 600 W. 122
- Macdonald, Z. K. † *e* 120 W. 103
- MacDowell, W. † *uncl*  
131 Willard ave., Pelham Manor
- MacEwen, L. B. *ph* 250 W. 85
- MacFadden, H. E. † *pa*  
1230 Amsterdam ave.
- Macfadyen, A. S. † *gr* Whittier
- MacFarlane, A. W. † *ed* 512 W. 123
- Macfarlane, J. K. † *b* Salem Center
- MacFarlane, N. V. † *pa* 503 W. 121
- MacGowan, J. R. † *gr ed* 565 W. 113
- MacGregor, C. † *e* 435 W. 123
- MacGregor, M. I. † *e*  
102 Mamaroneck ave., White Plains
- Machlett, E. C. † *e* 131 W. 188
- MacInnis, A. G. *e* 135 W. 104
- MacIntyre, K. † *e*  
c/o Western Elec. Co., 195 Broadway
- Mack, B. † *b* 318 W. 100
- Mack, E. L. † *pa* Whittier
- Mack, I. M. † *pa* 200 W. 091
- Mack, L. K. † *e* Whittier
- Macke, U. † *gr ed* 1445 University ave.
- Mackin, I. M. † *ed*  
316 Union, Hackensack
- Mackinnon, A. † *bu* 503 W. 122
- MacKinnon, M. G. † *gr ed* Furnald
- MacKnight, L. E. † *gr ed* 439 W. 123
- Mackey, M. † *b* 99 Claremont ave.
- MacLachlan, H. M. † *b*  
87 N. Broadway, Yonkers
- Maclaure, A. S. *m* 347 E. 87



MacLeod, E. *e* 115 W. 16  
 MacLevy, L. † *e* Babylon  
 MacLoskey, M. R. † *pa* 2473 Broadway  
 MacMahon, A. T. † *b* 70 Morningside Dr.  
 MacMillan, K. L. † *ed* Westbury  
 MacNair, E. † *ed* 315 Third ave., Roselle, N. J.  
 Macnamara, W. P. *e* 157 W. 39  
 MacPherson, H. D. † *b* Columbia University Library  
 Macready, C. † *e* 634 W. 158  
 Macsata, W. J. *ph* 181 Clarence, Torrington, Conn.  
 Macy, G. J. *c* 103 W. 127  
 Madden, E. B. † *e* 607 E. 17, Bklyn.  
 Madden, M. L. † *pa* Whittier  
 Madden, R. P. *ph* 161 W. 76  
 Maddi, P. M. † *pa* 131 E. 83  
 Maddock, C. R. † *e* 135 E. 52  
 Madigan, A. R. † *j* 2864 Marion ave., Bedford Park  
 Madinek, I. B. *ph* 236 E. 13  
 Madison, A. A. *gr ed* 670 Third ave.  
 Madison, E. B. † *e* 248 Central Park West  
 Maduro, P. E. *c* 546 W. 114  
 Magaw, M. K. † *b* 500 W. 122  
 Magilligan, A. A. † *pa* 135 Bergen, Bklyn.  
 Magna, C. H., Jr. *m* 186 Lenox Rd., Bklyn.  
 Maguire, F. P. † *ed* 171 Union, Hackensack  
 Maguire, G. A. † *e* 235 W. 139  
 Maguire, M. C. † *e* 3135 Broadway  
 Maguire, M. M. † *e* 133 Washington ave., Newark  
 Mahneke, P. C. M. † *b* 33 N. Washington Pl., Astoria  
 Mahnken, H. J. *mec* 3089 Broadway  
 Mahon, A. V. † *e* 411 Manhattan ave.  
 Mahoney, M. † *e* 70 Morningside Dr.  
 Maidman, J. *e* 222 E. 67  
 Maier, F. *e* 79 Ave. A  
 Mainella, A. M. *ph* 329 E. 16  
 Mair, G. *gr* 600 W. 122  
 Maisel, F. *c* 500 E. 171  
 Major, R. *m* Hartley  
 Malda, L. A. *l* 120 Broadway  
 Males, B. *e* 676 E. 180  
 Malich, A. *c* 151 Canal  
 Malisoff, W. *mec* 100 Hart, Bklyn.  
 Malkin, S. *ph* 429 E. 64  
 Malloch, A. M. † *gr* 420 W. 121

Mallory, V. S. † *gr* 820 Van Buren Pl., N. Bergen, N. J.  
 Maloy, C. B. *e* 8 W. 13  
 Malre, M. C. † *b* Bergenfield, N. J.  
 Malsman, R. † *ph* 282 Williams ave., Bklyn.  
 Maltby, C. L. † *pa* 106 Morningside Dr.  
 Maltz, M. *c* 141 Attorney St.  
 Malzberg, B. *gr* 465 E. 174  
 Man, A. P., Jr. *c* 131 Audley, Richmond Hill  
 Man, M. E. † *b* 245 Church, Richmond Hill  
 Manashaw, D. *ph* 125 E. 101  
 Mandel, A. C. *e* 56 E. 87  
 Mandel, C. *c* 1104 E. 17, Bklyn.  
 Mandel, S. *gr ed* 967 Sherman ave.  
 Mandelbaum, M. R. *c* 131 Sumner ave., Bklyn.  
 Mandell, G. E. *c* 60 Jewel, Forest Hills  
 Mandell, R. *e* 1330 Fifth ave.  
 Maneson, A. S. *c* 120 E. 82  
 Manges, H. S. *l* 120 W. 86  
 Mangino, O. J. *ph* 2203 Belmont ave.  
 Manheim, H. J. *c* 90 Morningside Dr.  
 Manheim, J. R. † *e* 90 Morningside Dr.  
 Manheim, S. m 95 Osborne Terr., Newark  
 Maniscalco, E. *e* 1836 Victor  
 Mankey, E. M. † *pa* 424 W. 119  
 Mankiewicz, E. C. † *b* 1842 Seventh ave.  
 Manley, M. † *e* 137 Third, Long Island City  
 Mann, B. H. † *b* 32 Winfield ave., Mt. Vernon  
 Mann, H. T. *l* 128 State, Perth Amboy  
 Mann, M. E. † *pa* Whittier  
 Mann, R. *c* 340 E. 124  
 Mann, W. E. † *pa* 523 Birch, Richmond Hill  
 Manne, A. m 117 Division ave., Bklyn.  
 Mannhardt, G. † *e* 422 W. 115  
 Mannheimer, A. *l* 938 St. Nicholas ave.  
 Manning, C. A. *gr* 144 E. 74  
 Manning, J. *ed* 520 W. 122  
 Manning, M. E. † *e* 137 W. 56  
 Mannis, G. E. † *b* Brooks  
 Manongdo, M. S. *gr ed* Union Theol. Seminary  
 Manser, H. E. *ed* 206 Smith, Newark  
 Manson, M. M. † *uncl* 165 Audubon ave.  
 Manson, M. W. † *m* 165 Audubon ave.  
 Mantel, H. E. *m* 34 E. 44  
 Mantero-Belard, C. *gr* 610 W. 116

- Mantz, M. D. † *uncl* 1 W. 100  
 Many, E. A. † *pa* 404 W. 115  
 Mapes, F. A. † *gr ed* 130 Claremont ave.  
 Maplesden, G. E. † *pa* 420 W. 121  
 Maps, E. † *e* 606 W. 116  
 Maps, L. *e* 521 W. 112  
 Marancik, J. V. *e* 456 Schiller, Elizabeth  
 Marangella, P. A. *e* 318 W. 57  
 Marceau, H. G. *a* 524 W. 124  
 March, R. W. *e* 220 W. 107  
 Marckwardt, S. E. † *pa* 430 W. 118  
 Marcus, I. H. *m* 871 Driggs ave., Bklyn.  
 Marcus, L. *gr* 501 W. 124  
 Marcus, M. † *gr* 122 E. 114  
 Marcus, R. S. *c*  
     277 Beaumont, Manhattan Beach  
 Marcussen, J. † *e* 68-2nd, Bklyn.  
 Mardade, J. W. *e*  
     191 Milford ave., Newark  
 Mardigian, M. H. † *gr* 457 W. 123  
 Margiotta, N. *ph* 326 E. 34  
 Margolin, F. M. † *e* 515 W. 125  
 Margotta, P. J. *ph*  
     147 Union ave., New Rochelle  
 Margowitz, E. *e* 222 W. 122  
 Margulies, R. G. † *pa* 1845 Seventh ave.  
 Margulies, T. † *e* 1845 Seventh ave.  
 Mariano, J. H. *gr* 349 W. Broadway  
 Marin, H. N. *l* 58 Prospect, Jersey City  
 Marinaro, F. *ph* 414 E. 6  
 Markel, C. *c* 1326 Madison ave.  
 Markel, H. *c* 1119 Forest ave.  
 Marker, B. † *pa* 1230 Amsterdam ave.  
 Markey, C. H. † *e* Furnald  
 Markey, F. L. † *e* 436 E. 140  
 Markey, R. E. † *b* 534 W. 124  
 Markham, V. *c*  
     92 Waters ave., West New Brighton  
 Markowitz, B. † *gr* 261 W. 112  
 Markowitz, C. † *e* 228 W. 112  
 Markowitz, P. *e* 3391 Wayne ave.  
 Marks, E. † *e* 47 W. 88  
 Marks, I. E. *e* 180 E. 123  
 Marks, J. A. *c* 1225 Madison ave.  
 Marks, M. C. † *b* 541 W. 124  
 Marks, P. M. † *e* 53 E. 65  
 Marks, R. S. *c* Livingston  
 Marks, S. † *e* 166 W. 87  
 Marks, W. J. *e* 601 W. 115  
 Markwitz, E. † *e* 46 Hampton Pl., Bklyn.  
 Marlatt, F. K. † *b*  
     104 Cottage ave., Mt. Vernon  
 Marmor, M. † *pa* 2333 Davidson ave.
- Marquess, E. B. † *gr* 504 W. 122  
 Marqusee, E. S. *e* 1 W. 92  
 Marraffino, J. F. D. *c* 800 Second ave.  
 Marraro, R. *c* 317 W. 58  
 Marsellus, J. C. *e* 40 High, Passaic  
 Marsh, A. L. † *b* 414 W. 118  
 Marsh, L. A. † *b* 414 W. 118  
 Marsh, M. † *gr ed* 418 W. 118  
 Marsh, M. E. † *b* Brooks  
 Marsh, M. G. † *gr* 400 W. 118  
 Marshall, E. M. † *e* 230 Riverside Dr.  
 Marshall, J. *l* 47 E. 72  
 Marshall, J. A. † *gr ed* 501 W. 120  
 Marshall, R. † *b* 47 E. 72  
 Marshall, T. A. † *e* 105 Fleet Pl., Bklyn.  
 Marshall, T. F. *gr ed* 414 W. 121  
 Marson, B. *c* 125 Bristol, Bklyn.  
 Marston, D. M. † *m* 415 W. 57  
 Martens, P. † *e* 979 Aldus  
 Martin, A. † *e* 1115 Amsterdam ave.  
 Martin, A. K. † *pa* 650 W. 170  
 Martin, B. J. † *e* Sea Cliff  
 Martin, C. E. *gr* 417 W. 120  
 Martin, C. W. *m*  
     217 Prospect, Westfield, N. J.  
 Martin, D. † *e* Whittier  
 Martin, D. M. † *e* 2262 Amsterdam ave.  
 Martin, E. J. *e*  
     19 Dewey ave., New Rochelle  
 Martin, E. M. † *e* 124 W. 136  
 Martin, H. F. *c* Sea Cliff  
 Martin, J. A. † *e* Whittier  
 Martin, M. † *e* 85 Wilson ave., Flushing  
 Martin, M. F. † *ed* 140 Claremont ave.  
 Martin, P. R. † *e* 347 W. 55  
 Martin, R. † *b* Brooks  
 Martin, R. A. *e* 810 Violet, W. Hoboken  
 Martin, W. H. *e* Livingston  
 Martinéz, B. † *uncl* Whittier  
 Martinez, F. *l*  
     Hotel Bonta, Broadway & 94  
 Martrit, M. † *e* 167 W. 72  
 Martyn, B. *c* 129 Wadsworth ave.  
 Maruyama, K. *gr* 175 Ninth ave.  
 Marvin, M. M. † *pa* 503 W. 121  
 Marx, B. † *e* 947 Madison ave.  
 Marx, D. B. † *e* 509 W. 122  
 Marx, F. I. † *e* 509 W. 122  
 Masayoshi, I. *bu* 859 Riverside Drive  
 Masland, M. E. † *e* 11 E. 51  
 Mason, E. S. *ph*  
 Mason, F. L. *e* 515 W. 122  
 Mason, W. P. Jr. *l* Hartley

Massa, M. † e 287 Putnam ave., Bklyn.  
 Massarella, A. J. e 312 W. 69  
 Massarene, O. † e 303 Adelphi  
 Masten, Z. G. † ed Hudson Heights, N. J.  
 Masterson, E. c 253 Grand ave.  
 Masur, O. ph 168 Henry  
 Mates, A. ph 1511 Sterling Pl., Bklyn.  
 Mather, E. M. m 220 W. 107  
 Mather, M. A. † e 414 W. 121  
 Matheson, S. M. † e  
 130 Franklin ave., New Rochelle  
 Mathews, E. † gr 401 W. 118  
 Mathews, J. † gr ed 401 W. 118  
 Matthews, M. J. c 203 Pulaski, Bklyn.  
 Mathewson, W. McK. e  
 482 Park ave., Weehawken  
 Mathieson, M. e 48 Strong Pl., Bklyn.  
 Matshak, G. E. † e 490 West End ave.  
 Matshak, J. B. bu 490 West End ave.  
 Matshak, L. † e 490 West End ave.  
 Matsumoto, K. gr 312 W. 109  
 Matsuno, K. gr 102 W. 123  
 Matteson, D. E. † pa  
 24 Urban, Mt. Vernon  
 Matthews, F. E. † ed Whittier  
 Matthews, R. † e 216 W. 99  
 Mattison, S. c 242 E. 50  
 Mattox, A. L. e 500 Manhattan ave.  
 Mattox, E. L. gr ed 500 Manhattan ave.  
 Matshak, G. E. † e 490 West End ave.  
 Mauch, H. L. † b 582 Eighth ave.  
 Maue, H. P. c 308 E. 142  
 Mauger, I. M. † b  
 161 W. Passaic ave., Rutherford  
 Maurer, N. A. † ed Furnald  
 Maxey, C. C. gr 434 W. 120  
 Maxwell, E. G. † ed Atlantic Highlands  
 Maxwell, L. W. gr 606 W. 115  
 Maxwell, M. † e 51 N. 11, Paterson  
 May, A. W. c 523 W. 113  
 May, R. P. e 961 E. 18, Bklyn.  
 Mayer, C. † gr 41 E. 72  
 Mayer, E. † ph 905 Jackson ave.  
 Mayer, E. B. † b 600 W. 176  
 Mayer, E. S. † pa 147 Riverside Dr.  
 Mayer, F. S. e 158 Wythe ave., Bklyn.  
 Mayer, J. C. e 47 W. 87  
 Mayer, J. R. gr 105 W. 40  
 Mayer, M. e 651 Manida  
 Mayer, M. M. † pa Colonial ave., Corona  
 Mayer, M. R. † b 509 W. 110  
 Mayer, O. gr ed 600 W. 122  
 Mayer, S. † e 821 Riverside Dr.

Mayer, S. W. c  
 97 Lockwood ave., New Rochelle  
 Mayer, T. † gr 41 E. 72  
 Mayer, T. R. † b 162 E. 80  
 Mayer, V. K. † b 1356 Madison ave.  
 Mayers, H. L. c 1331 Madison ave.  
 Maynard, E. P. Jr. m  
 Hotel Bossert, Bklyn.  
 Maynard, J. A. gr 175 Ninth ave.  
 Maynard, L. H. † e 33 W. 67  
 Maynard, N. † pa Whittier  
 Maynard, N. F. † pa Whittier  
 Mazur, W. M. gr 1253 Amsterdam ave.  
 Mazza, S. ph 617 E. 183  
 Mazzola, F. R. m 413 E. 114  
 Mazzolini, E. J. ph Hartley  
 Mead, F. R. † gr ed 414 W. 121  
 Mead, G. W. gr 421 W. 121  
 Meade, M. † e 416 W. 118  
 Meadow, R. L. † e 260 Riverside Dr.  
 Meads, A. M. † pa 720 Riverside Dr.  
 Meagher, E. C. mec 627 W. 113  
 Mearns, J. P. † e 29 Broadway  
 Measom, G. L. gr 23 W. 123  
 Mebane, D. C. c 422 W. 57  
 Medary, B. H. † gr Furnald  
 Meddins, W. C. P. † ed 423 W. 118  
 Medigovich, D. c Hartley  
 Medigovich, M. † b Furnald  
 Medill, W. C. m 320 Haven ave.  
 Medrick, C. N. † pa Whittier  
 Meehan, G. E. m 117 Mercer, Jersey City  
 Meehan, M. M. † e 123-11th, L. I. City  
 Meek, J. E. e 527 W. 134  
 Meeks, N. P. c  
 52 Tuckahoe Road, Yonkers  
 Meeropolsky, L. ph 202 Brown Pl.  
 Megirian, Z. c 408 W. 130  
 Mei, C. S. m 5 Mott  
 Meier, F. A. c 924 Hunterdon, Newark  
 Meigs, H. e 41 E. 22  
 Meirowitz, B. e 920 Ave. St. Johns  
 Meirowitz, E. † e 530 Manhattan ave.  
 Meisch, F. e 50 Church  
 Meisels, R. c 214 Scholes, Bklyn.  
 Meister, M. gr ed 344 E. 6  
 Melfi, L. J. ph 426 E. 115  
 Melicow, M. M. m 185 Henry  
 Mellamed, H. C. j Livingston  
 Mellen, H. deF. † e 981 Park ave.  
 Mellon-Tack, A. † e Hotel Robert Fulton  
 Melucci, M. A. e 573 W. 159  
 Melnick, E. M. † e 420 Riverside Dr.

- Melzer, F. E. *mec* Hartley  
 Memmott, J. McD. *c* 546 W. 114  
 Menagh, A. T. † *pa*  
 64 Van Riepen Ave., Jersey City  
 Mendelsohn, W. *e* 314 W. 107  
 Mendelson, A. W. † *pa* 159 W. 74  
 Mendelson, D. B. *m* 7 W. 123  
 Mendenhall, E. L. *ed*  
 100 Oak Tree Pl., Leonia  
 Mendes, S. P. *c* 140 W. 122  
 Mendoza, C. J. *ph* 325 W. 15  
 Meneely, J. D. † *b*  
 25 Fairmount ave., Hackensack  
 Mengel, A. R. *c* 457 W. 123  
 Menken, J. A. *c* 603 W. 111  
 Menner, C. R. *e*  
 74 Tonnele ave., Jersey City  
 Menninger, E. A. *j* Hartley  
 Menzel, H. E. † *pa*  
 47 Greenwood ave., E. Orange  
 Menzer, E. † *e* 156 Manhattan ave.  
 Menzi, E. *gr* Livingston  
 Méras, E. A. *gr* 961 Madison ave.  
 Merchant, G. L. † *e* 323 W. 83  
 Merchant, T. A. *e* 502 Concord ave.  
 Meredith, E. C. † *e* 506 W. 122  
 Meredith, L. C. *e* St. Luke's Hospital  
 Merlis, I. † *e*  
 136 W. Grand, Elizabeth, N. J.  
 Merrill, F. † *e* 534 W. 142  
 Merrill, G. A. *e* Maywood, N. J.  
 Merrill, R. L. *gr* 184 Eldridge  
 Merrill, R. S. *e* 470 W. 159  
 Merrill, W. † *e* 430 W. 119  
 Merritt, E. M. † *e* 509 W. 121  
 Merritt, E. R. † *pa* Whittier  
 Merritt, E. S. † *e*  
 453 Mt. Prospect ave., Newark  
 Merritt, G. H. *c* 114 First, Newburgh  
 Merritt, L. B. † *gr ed* Ossining  
 Mesloh, S. L. † *gr ed* Whittier  
 Mesnard, A. *c* 200 W. 95  
 Mesrobian, Z. A. *ed* 110 Manhattan ave.  
 Messe, I. *c* 2181 Belmont ave.  
 Messenger, R. E. † *gr*  
 853 St. Nicholas ave.  
 Messing, A. J. *l* 2039 Broadway  
 Messing, F. B. *m* 470 E. 161  
 Messing, H. *ph* 63 Clinton  
 Metz, D. A. † *gr* 550 W. 158  
 Metzger, D. † *j* 26 W. 88  
 Metzger, R. N. † *e*  
 62 Shanley ave., Newark  
 Meurlin, A. *m* West Side Y. M. C. A.  
 Meyer, B. *gr* 1305 Wilkins ave.  
 Meyer, C. L. W. *gr* Livingston  
 Meyer, H. *c* 593 Beech Terr.  
 Meyer, H. † *e* 116 W. 120  
 Meyer, H. Jr. *c* 527-54th, Bklyn.  
 Meyer, H. H. *mec* 750 Courtlandt ave.  
 Meyer, H. W. *m* 700 Madison ave.  
 Meyer, I. † *pa* 60 E. 7  
 Meyer, J. G. *gr ed* 422 W. 115  
 Meyer, M. C. † *b*  
 Prospect Terr., Park Hill, Yonkers  
 Meyer, M. W. *ph*  
 Meyer, S. *e* 154 Sumner ave., Bklyn.  
 Meyer, S. E. † *e* 230 W. 97  
 Meyerhoff, H. A. *c* 61 W. 106  
 Meyers, M. L. *c* 404 Chester, Bklyn.  
 Meyers, O. E. † *e* 300 W. 106  
 Meyerson, O. L. *l* 60 St. Nicholas ave.  
 Meylan, L. J. † *b* 468 W. 141  
 Meynen, F. G. *c* 531 W. 113  
 Meyrowitz, A. *e* 858 Hewitt Pl.  
 Michaelis, A. M. *c* 239 E. 61  
 Michaelis, M. L. *ph* 13 E. 101  
 Michaelis, S. S. † *e*  
 333 Central Park West  
 Michaels, G. *c* 13 E. 101  
 Michaels, H. C. † *e* 114 E. 30  
 Michaels, V. B. † *e* 114 E. 30  
 Michalover, S. L. † *pa*  
 850 Eastern Pkwy., Bklyn.  
 Michaud, L. *e* 383 Lenox ave.  
 Michel, M. † *e* 338 Alpha Pl., Glendale  
 Michels, S. *e* 494 E. 141  
 Michener, A. M. † *gr* 105 W. 163  
 Mickle, M. T. † *e* 44 Morningside Dr.  
 Middleton, I. † *e* 416 W. 122  
 Mier, M. E. † *pa* 514 W. 122  
 Mihleis, A. M. † *ed* Furnald  
 Milbank, V. K. *c* 627 W. 115  
 Milch, H. *m* 486 E. 4, Bklyn.  
 Milch, V. *bu* Hartley  
 Milder, M. *c* 19 Montgomery  
 Miles, D. I. † *gr* 1230 Amsterdam ave.  
 Miles, E. C. † *e* 316 Milliam, E. Orange  
 Miles, L. M. † *pa* 431 W. 121  
 Millar, E. G. † *pa* 434 W. 120  
 Millar, K. S. † *pa* Whittier  
 Millard, F. H. † *pa* Whittier  
 Millenaar, P. M. *e* 548 Riverside Dr.  
 Miller, A. † *e* 499 Ninth ave., Astoria  
 Miller, A. M. † *pa*  
 184 Leonia ave., Leonia

Miller, B. <i>e</i>	222 E. 98	Miner, L. M. <i>gr</i>	600 W. 114
Miller, C. † <i>ed</i>	510 W. 124	Miner, S. L. <i>e</i>	244 W. 101
Miller, C. † <i>pa</i>	149 E. 67	Minoli, S. A. <i>c</i>	805 Second ave.
Miller, C. C. <i>gr</i>	49 Claremont ave.	Minsky, H. <i>m</i>	524 Barbey, Bklyn.
Miller, D. <i>c</i>	636 Willoughby ave., Bklyn.	Minster, M. D. † <i>b</i>	Brooks
Miller, D. H. <i>gr ed</i>	Columbia University	Minter, M. † <i>e</i>	207 W. 85
Miller, E. D. † <i>e</i>	Woodward Hotel	Minton, H. M. <i>c</i>	165 Joralemon, Bklyn.
Miller, E. E. † <i>e</i>	1175 Madison ave.	Minzie, L. F. <i>pa</i>	82 Pierrepont
Miller, E. J. † <i>ed</i>	509 W. 121	Minor, K. T. † <i>pa</i>	20 S. Parsons ave., Flushing
Miller, E. L. † <i>e</i>	513 W. 135	Minor, M. B. † <i>pa</i>	20 S. Parsons ave. Flushing
Miller, E. R. <i>l</i>		Minor, R. † <i>ed</i>	519 W. 121
Miller, E. S. <i>ph</i>	46 Highwood Terr., Weehawken	Miodownick, A. <i>c</i>	730 Prospect ave.
Miller, F. W. † <i>pa</i>	Whittier	Mira, R. <i>e</i>	540 W. 136
Miller, G. † <i>b</i>	2279 Andrews ave.	Miraglia, H. G. <i>ph</i>	24 Sumner Pl., Bklyn.
Miller, G. B. <i>e</i>	44 Morningside Dr.	Mirsky, H. <i>ph</i>	139 Eldridge
Miller, G. D. † <i>pa</i>	Whittier	Mirsky, L. P. <i>c</i>	49 W. 83
Miller, G. H. <i>e</i>	1764 Walton ave.	Mirsky, M. E. † <i>gr</i>	49 W. 83
Miller H. <i>c</i>	1077 Manhattan ave., Bklyn.	Misbell, D. R. <i>m</i>	28 Edgewood Rd., Glen Ridge, N. J.
Miller, H. M. † <i>b</i>	283 Summit ave., Mt. Vernon	Misch, C. E. <i>c</i>	929 West End ave.
Miller, H. M. 2nd <i>c</i>	540 W. 113	Mischner, I. <i>e</i>	415 Ft. Washington ave.
Miller, H. S. <i>gr</i>	175 Ninth ave.	Mishkin, N. † <i>e</i>	35 W. 110
Miller, M. † <i>pa</i>	Whittier	Mitchell, G. J. <i>gr</i>	401 W. 118
Miller, M. E. † <i>pa</i>	601 W. 169	Mitchell, G. V. † <i>e</i>	39 N. Burnett, E. Orange
Miller, M. G. † <i>gr</i>	503 W. 121	Mitchell, L. J. <i>e</i>	Livingston
Miller, M. H. † <i>b</i>	82 W. 174	Mitchell, M. A. † <i>pa</i>	91 W. 103
Miller, M. I. † <i>gr ed</i>	348 Colorado ave., Bridgeport, Conn.	Mitchell, R. W. <i>m</i>	Roosevelt Hospital
Miller, M. M. † <i>pa</i>	509 W. 121	Mitchell, S. M. † <i>e</i>	192 Claremont ave.
Miller, N. † <i>bu</i>	Furnald	Mitchell, T. J. <i>gr</i>	43 E. 45, Bayonne
Miller, N. <i>ph</i>	606 E. 140	Mitchem, H. F. <i>e</i>	548 Chilton, Elizabeth
Miller, P. D. † <i>pa</i>	508 W. 114	Mittleman, M. <i>ph</i>	647 Cauldwell ave.
Miller, P. S. <i>gr ed</i>	Weehawken	Mittelstaedt, E. E. † <i>e</i>	2 Hamilton ave. Yonkers
Miller, R. † <i>e</i>	539 Lawrence ave., Westfield, N. J.	Mixon, A. † <i>e</i>	125 E. 57
Miller, R. D. <i>c</i>	Roslyn Heights	Mradek, W. <i>e</i>	30 Bolton Rd., Inwood-on-Hudson
Miller, S. C. <i>e</i>	458 E. 169	Moadinger, C. M. <i>e</i>	9 S. 14, Flushing
Miller, W. H. <i>m</i>	426 Convent ave.	Modarelli, A. E. <i>c</i>	214 Second, Weehawken
Miller, W. J. <i>c</i>	426 Convent ave.	Modica, A. <i>c</i>	5 Rivington
Milliken, R. J. † <i>b</i>	620 W. 122	Moesch, J. M. † <i>e</i>	235 W. 120
Millington, L. E. † <i>e</i>	537 W. 121	Moffat, A. T. † <i>e</i>	29 Coit, Irvington
Millis, B. A. <i>l</i>	404 W. 115	Moffat, C. † <i>pa</i>	Whittier
Mills, A. B. <i>c</i>	936 West End ave.	Moffit, H. R. <i>e</i>	50 N. 17, E. Orange
Mills, R. † <i>j</i>	Furnald	Moffit, G. D. <i>e</i>	8 Ferguson, Corona
Mills, R. T. <i>j</i>	Hartley	Mohn, J. E. <i>ph</i>	
Mills, S. W. <i>m</i>	346 W. 57	Mohr, W. R. <i>l</i>	464 W. 141
Milo, J. E. <i>pa</i>	Livingston	Moldenke, R. Jr. <i>c</i>	Watchung, N. J.
Milton, D. P. <i>e</i>	27 W. 97	Molke, H. Jr. <i>e</i>	458 E. 137
Milton, P. † <i>e</i>	349 W. 85		
Minami, T. <i>pa</i>	421 W. 121		
Minds, E. L. † <i>e</i>	400 W. 118		
Miner, G. I. † <i>gr ed</i>	411 W. 115		

- Moll, M. J. *e* Hartley  
 Molstad, R. † *pa* Furnald  
 Molyneux, J. J. *ed* 520 W. 122  
 Monjo, M. E. † *b* 519 Lincoln Pl., Bklyn.  
 Monroe, D. † *gr ed* 414 W. 121  
 Montesano, J. *ph* 9 Green, Paterson  
 Montgomery, M. A. † *b* 177 W. 95  
 Montgomery, R. B. *me* Plainfield, N. J.  
 Mochrie, M. E. † *b* 21 Ash, Flushing  
 Moo, J. Y. M. *a* 110 Morningside Dr.  
 Moody, M. † *e* Bergenfield, N. J.  
 Mook, E. M. † *b*  
 219 Amboy ave., Metuchen, N. J.  
 Moolten, R. R. *m* 1060 Madison ave.  
 Mooney, L. *e* 214 Lenox ave.  
 Mooney, R. A. *e* 542 W. 142  
 Moore, A. E. † *e* 400 Convent ave.  
 Moore, A. E. † *gr ed* 414 W. 121  
 Moore, A. L. † *e* 328 Park ave., Newark  
 Moore, A. P. *gr* 135 Franklin, Astoria  
 Moore, B. R. † *e* 330 W. 102  
 Moore, B. V. *gr ed* Livingston  
 Moore, C. † *e* 1432 Pacific, Bklyn.  
 Moore, C. *ph* 80 Princeton, Dover, N. J.  
 Moore, J. E. † *ed*  
 119 Essex ave., Bloomfield, N. J.  
 Moore, L. † *e* 328 Park ave., Newark  
 Moore, L. W. † *b*  
 195 Twelfth, Long Island City  
 Moore, M. L. † *pa* 500 W. 122  
 Moore, N. † *uncl* 421 W. 118  
 Moore, R. J. *gr* Havemeyer  
 Moore, S. H. † *e* 82 Elm, Passaic  
 Moore, W. J. *c* Hartley  
 Moore, W. J. *m* Hartley  
 Moorehead, T. I. † *e* 144 W. 105  
 Moorman, I. G. *m*  
 1386 Jefferson ave., Bklyn.  
 Moral, J. D. *uncl* 258 W. 55  
 Moran, H. B. † *pa* 560-4th, Bklyn.  
 Moran, J. E. *e* 204 W. 14  
 Moran, M. F. † *gr* 228 E. 68  
 More, M. B. † *e* Chatham, N. J.  
 Morehouse, M. † *e* Furnald  
 Morehouse, N. † *e*  
 Morell, B. *e* 717 Kelly  
 Morell, B. † *e* 717 Kelly  
 Moress, E. J. † *pa*  
 72 Greenridge ave., White Plains  
 Morey, E. † *e* 106 Morningside Dr.  
 Morey, H. H. † *pa* 422 W. 115  
 Morg, R. J. *e* 1970 University ave.  
 Morgan, B. D. † *e* 666 W. 207  
 Morgan, C. † *e* 417 W. 120  
 Morgan, G. B. † *b*  
 266 S. First ave., Mt. Vernon  
 Morgan, J. A. *gr* 83 Hamilton Pl.  
 Morgan, J. J. *gr*  
 58 Pierson Road, Maplewood  
 Morgan, W. E. *gr* 500 W. 124  
 Morgan, W. J. *uncl* Union Theo. Sem.  
 Morgan, W. V. *c* 564 W. 114  
 Morgenthau, D. R. † *b* Sherman Sq. hotel  
 Mori, K. *gr* 430 W. 118  
 Moriarty, M. K. † *e* 542 W. 124  
 Morley, A. C. † *gr* 118 E. 90  
 Morosofsky, B. *e* 2539 Decatur ave.  
 Morrell, C. L. *ph* Keyport, N. J.  
 Morrell, J. C. *gr* 371 W. 116  
 Morrill, F. U. † *e* 296 Ryerson, Bklyn.  
 Morris, A. G. *e*  
 66 Beechwood Terr., Yonkers  
 Morris, C. E. † *gr ed* Whittier  
 Morris, E. A. *c* 26 Morningside ave.  
 Morris, F. † *e* 1397 Stebbins ave.  
 Morris, F. K. *gr* 547 W. 123  
 Morris, H. L. *gr* 520 W. 124  
 Morris, L. *c* 9917 Shore Rd., Bklyn.  
 Morris, L. *ph* 723 MacDonough, Bklyn.  
 Morris, M. E. † *pa* 2604 University ave.  
 Morris, S. A. *m* 204 W. 119  
 Morris, W. *m* 64 Humboldt, Bklyn.  
 Morris, W. B. *c* 57 W. 111  
 Morris, W. L. *gr ed* Livingston  
 Morrison, D. H. *gr* 242 E. 105  
 Morrison, H. J. *e* 84 W. 38, Bayonne  
 Morrison, J. C. *gr ed* Leonia  
 Morrison, R. A. † *b* 625 S. Broadway  
 Morrissey, M. A. † *e* Furnald  
 Morrow, L. F. † *e* 84 Ludlow, Yonkers  
 Morton, E. *c*  
 8804 Ft. Hamilton Pkwy., Bklyn.  
 Morton, F. C. † *e* 614 W. 157  
 Morton, G. M. † *pa* Furnald  
 Mosbacher, H. J. † *e* 590 W. 172  
 Moser, F. W. *e* 152 E. 92  
 Moser, W. L. *uncl* 9 S. Elliott Pl., Bklyn.  
 Moses, F. † *pa*  
 228 Westchester ave., Mt. Vernon  
 Moses, L. *c* 8 E. 127  
 Moses, R. L. † *gr*  
 228 Westchester ave., Mt. Vernon  
 Mosher, M. † *pa* 1230 Amsterdam ave.  
 Moskowitz, M. A. *l* 110 Rivington  
 Mosler, T. A. *ph* 28 Park Pl., Orange, N.J.  
 Moss, R. M. *c* 346 Grand ave.

- Mossman, N. R. *ed* Leonia  
Mott, E. A. † *b* 75 E. 120  
Mott, F. L. *gr* 527 W. 124  
Mountford, F. H.  
45 Westfield ave., Roselle, N. J.  
Mountsier, M. † *e* 417 W. 118  
Mouquin, C. † *e* Beach 133, Belle Harbor  
Mouquin, L. † *e* Beach 133, Belle Harbor  
Mousigian, M. D. *gr ed* Teachers College  
Movitz, J. H. *c* 36 Reid ave., Bklyn.  
Mowry, H. † *e* 146 E. 35  
Moyle, W. D. *e* 20 W. 125  
Moynahan, M. U. † *e* 2011 Fifth ave.  
Moysey, M. K. † *gr* Furnald  
Muehleck, G. E. *m* 212-11th, Hoboken  
Mueller, F. † *e* 552 Riverside Dr.  
Muench, H. E. *e* Stamford, Conn.  
Muendel, L. F. † *e* 49 Wall  
Muenzer, F. † *e* 1220 Pacific, Bklyn.  
Muessen, J. † *pa* Woodmere  
Mufson, I. *m* 1260 Clay ave.  
Muhlfeld, H. † *b* 960 Grand Concourse  
Muhlfeld, M. † *b* 960 Grand Concourse  
Muir, M. S. † *e* 129 W. 92  
Muldoon, L. J. *e* Woodmere  
Muldorf, S. B. *gr*  
166 Riverdale ave., Bklyn.  
Mulé, M. *e* 129 Manhattan ave., Bklyn.  
Mulé, S. *e* 157 St. Nicholas ave., Bklyn.  
Mulinos, M. G. *c* 301 Columbus ave.  
Müller, C. *e* 8 Hamilton Terr.  
Muller, C. † *e* 4438 Matilda ave.  
Muller, E. † *e* 125 E. 72  
Muller, G. *e* 27 Cedar  
Mullin, J. † *e* 609 W. 114  
Mullin, M. W. † *pa* Whittier  
Mullman, L. † *e* 1263 Second ave.  
Mulry, K. M. † *ed* 855 Riverside Dr.  
Multz, M. R. † *e* 133 Suffolk  
Mulvey, J. A. *e* 2137 Mapes ave.  
Mulvey, V. J. *l* Livingston  
Mumford, B. M. † *e* 142 Sherman, Passaic  
Murro, R. H. † *pa*  
40 Boulevard, Summit, N. J.  
Murro, T. *gr* 195 Claremont ave.  
Munsell, N. A. † *e* 1068 Woodycrest ave.  
Munson, D. R. † *pa* Whittier  
Munstock, G. C. † *b* 353 W. 118  
Murdoch, K. † *gr ed* 419 W. 119  
Murgotten, F. C. *gr* 225 W. 99  
Murphy, A. B. † *gr* 415 W. 120  
Murphy, Aethna † *e* 616 W. 40  
Murphy, Agatha † *e* 52 E. 78  
Murphy, E. A. † *e* 1003 Sixth ave.  
Murphy, E. F. M. † *e*  
57 Temple, L. I. City  
Murphy, E. I. † *ed* 519 W. 121  
Murphy, G. R. *c* Hartley  
Murphy, H. I. † *gr* 204 W. 141  
Murphy, H. V. *e* 796 President, Bklyn.  
Murphy, J. F. † *e* 173 W. 111  
Murphy, M. E. † *e* 340 W. 85  
Murphy, M. E. † *gr ed* 515 W. 134  
Murphy, M. E. † *ed*  
35 Dean St., Englewood  
Murphy, M. M. † *b* Elizabeth  
Murphy, R. C. *gr*  
188 Columbia Heights, Bklyn.  
Murphy, T. V. *j* 366 Alexander ave.  
Murphy, W. *e* 576 W. 161  
Murray, A. W. † *pa* Whittier  
Murray, E. N. † *gr* 420 W. 116  
Murray, H. A. *m* 14 Lincoln ave., Newark  
Murray, H. A. Jr. *m* 129 E. 69  
Murray, J. *e* 1749 Park ave.  
Murray, J. P. T. *c* 432 First, Bklyn.  
Murray, S. S. † *b* Chappaqua  
Murtha, L. J. *e* 1100 Franklin ave.  
Murtland, C. † *gr ed* 600 W. 114  
Murtland, I. † *b* 40 E. 81  
Musgrave, E. † *e* 122 E. 66  
Mussaeus, M. G. † *gr* 509 W. 121  
Mussaeus, W. T. *c* 619 W. 113  
Muti, S. † *e* 74 Jackson, Orange  
Myer, J. A. *l* Livingston  
Myers, C., Jr. *m* 330 W. 58  
Myers, C. A. *e* Majestic Hotel  
Myers, F. *e* 627 W. 113  
Myers, Frances Stuart † *e* 128 W. 74  
Myers, Frances Storey † *e*  
291 Amity, Flushing  
Myers, H. B. † *e* Tenafly, N. J.  
Myers, M. † *e* 220 W. 98  
Myers, M. G. † *b* 99 Claremont ave.  
Myers, R. † *e* Pleasantville  
Myers, R. F. *gr ed*  
93 Bloomfield ave., Passaic  
Myers, V. † *e* 60 State, Hackensack  
Mygatt, T. D. *gr* 206 W. 13  
Nachmanowitz, J. *m* 3 E. 105  
Nacke, A. L. *e*  
Central Y. M. C. A., Bklyn.  
Nadel, H. H. † *e* 2115 Mohegan ave.  
Nadel, L. *mec* 1182 Clay ave.  
Nadig, A. *e* 205 W. 29  
Nadler, L. C. † *e* 382 Wadsworth ave.

- Nahm, H. H. *mec* 533 W. 112  
 Nahon, Z. *gr* 35 Alvin Pl., Edgemere  
 Nakamura, M. *gr* 115 W. 84  
 Nammack, E. F. *† gr* 110 Morningside Dr.  
 Nance, M. A. *† b* 2161 Ludlow ave.  
 Nanes, S. *e* 434 E. Houston  
 Napoliello, V. *m* 138 W. 62  
 Napolitan, F. J. *e* 51 Tonnele ave., Jersey City  
 Naramore, E. E. *† e* 154 E. 91  
 Nashley, A. *c* 45 Fort Washington ave.  
 Nass, L. *e* 110 Barclay, Newark  
 Nathan, B. M. *† e* 35 W. 86  
 Nathan, D. *† e* Hartsdale  
 Nathan, L. *e* 592 Leonard, Bklyn.  
 Nathans, A. A. *m* 365 E. 21st, Bklyn.  
 Nauen, O. *e* 235 W. 103  
 Naumburg, R. *† e* 300 West End ave.  
 Naumburg, R. M. *† ed* 300 West End ave.  
 Naumer, H. A. *m* 514-11th, Bklyn.  
 Naveja, L. P. *e* 1571 First ave.  
 Nayjack, B. S. *c* 1160 Eastern Pkwy., Bklyn.  
 Nazario-Lugo, E. *e* 610 W. 150  
 Nead, R. H. *gr ed* 604 Boyd ave., Woodhaven  
 Neagle, A. H. *m* 421 W. 57  
 Neal, B. A. *ph* 609-21st  
 Neale, W. *c* 620 W. 116  
 Nebel, G. T. *gr* 15 Patchen ave., Bklyn.  
 Nebenzahl, A. *† e* Central ave., Far Rockaway  
 Neer, I. *† gr ed* 245 Bway, Patterson  
 Neff, A. L. *† e* 520 W. 122  
 Neice, B. R. *e* 54 Morningside ave.  
 Neilson, J. Jr. *c* 434 Riverside Dr.  
 Neiman, J. J. *ph* 7 E. 119  
 Neiman, N. *ph* 1294 First ave.  
 Neimeyer, R. T. *ed* Newfoundland, N. J.  
 Neinken, B. *† e* 1472-36th, Bklyn.  
 Neisel, E. M. *† e* 107 W. 94  
 Neitz, J. D. *c* 527 W. 124  
 Nelles, M. *† e* 320 W. 102  
 Nellis, G. S. *m* 529 W. 111  
 Nelsenius, N. E. *c* 435-42nd, Bklyn.  
 Nelson, C. W. *gr* 175 Ninth ave.  
 Nelson, J. H. *c* Pocantico Hills  
 Nelson, L. H. *† gr* 417 W. 118  
 Nelson, M. *† e* 32 W. 96  
 Nelson, M. M. *† e* 500-4th, Bklyn.  
 Nelson, N. F. *e* 311 E. 176  
 Nelson, P. H. *c* Hartley  
 Nelson, V. L. *† ed* Whittier  
 Nemetz, M. D. *ph* 151 W. 140  
 Nemser, R. W. *m* 45 St. Marks Pl.  
 Nenno, K. E. *† gr ed* Furnald  
 Nesbit, M. F. *mec* 1116 Amsterdam ave.  
 Nestroy, H. A. *† e* 100 W. 85  
 Neth, C. B. *† pa* 12 Archer Pl., Tarrytown  
 Netter, G. E. *c* 319 W. 58  
 Nettleton, B. E. *† pa* 1230 Amsterdam ave.  
 Neubrik, H. B. *† e* 324 W. 83  
 Neugass, E. *e* 219 W. 136  
 Neuhaus, H. *c* 281 Edgecombe ave.  
 Neuland, I. B. *† e* Bergenfield, N. J.  
 Neuman, L. *† e* 151 W. 117  
 Neuman, M. *l* 114 W. 120  
 Neuman, S. *† e* 904 West End ave.  
 Neumann, B. H. *† pa* 234 W. 112  
 Neumann, W. J. *c* 325 W. 108  
 Neurad, J. A. *† pa* 1075 W. Farms Rd.  
 Neuroth, D. M. *† gr ed* 15-1st, Woodside  
 Neussell, M. L. *† e* Crest-View, 187 and Wadsworth ave.  
 Neuville, E. *† b* 1230 Amsterdam ave.  
 Neville, E. S. *† gr ed* 311 Halsey, Bklyn.  
 Nevin, E. J. *c* 537 W. 123  
 Newberger, M. *† e* 109 E. 60  
 Newburger, B. G. *† b* 220 W. 87  
 Newburgh, L. V. *† pa* Whittier  
 Newby, D. D. *† ed* 237 E. 104  
 Newington, J. C. *c* 323 W. 106  
 Newlon, M. H. *e* 1120 Amsterdam ave.  
 Newman, A. I. *† pa* 106 Morris St., Yonkers  
 Newman, A. M. *† e* 277 Carroll, Bklyn.  
 Newman, J. A. *l* 147 Van Buren, Bklyn.  
 Newman, C. B. *† e* 600 W. 183  
 Newman, L. I. *gr* Hartley  
 Newman, M. L. *† e* 112 W. Fifth, Plainfield, N. J.  
 Newman, M. R. *† e* 577 Bway, Paterson  
 Newman, R. *† gr* 244 Spring  
 Newmark, E. H. *m* 162 W. 98  
 Newmark, F. L. *† ph* 861 Forest ave., Centerville Sta.  
 Ng, S. S. H. *mec* Hartley  
 Nichols, E. D. *† gr* 1230 Amsterdam ave.  
 Nichols, E. G. *c* 1084 Amsterdam ave.  
 Nichols, G. E. *l* Livingston  
 Nichols, H. B. *c* 200 Ravine ave., Yonkers  
 Nichols, H. E. *l* 386 Stuyvesant ave., Bklyn.  
 Nichols, J. McD. *c* 157 Washington, Hempstead



Nichols, M. † *b* 5 Park ave., Mt. Vernon  
 Nichols, M. † *e* Scarsdale  
 Nichols, N. H. † *e* Whittier  
 Nicholson, R. † *pa* Whittier  
 Nicholson, W. C. † *l* 11 Brevoort Pl., Bklyn.  
 Nichthaus, P. † *gr ed* 520 W. 122  
 Nickel, A. R. *e* 516 W. 184  
 Nickel, H. J. *e* 290 Verona ave., Newark  
 Niedermeyer, M. W. † *e* 137 E. 33  
 Nieh, C. Y. *e* 500 W. 112  
 Niehaus, M. † *e* Ridgefield Park, N. J.  
 Nielsen, V. V. *ph* 965 Whitlock ave.  
 Niemann, F. W. *e*  
 853 Willoughby ave., Bklyn.  
 Niemetz, M. *ph* 2335 Seventh ave.  
 Niggin, C. † *pa* Whittier  
 Nill, A. M. † *e* 501 W. 121  
 Nimmons, W. J. *e* 308 W. 102  
 Nisbet, M. G. † *pa* 527 W. 121  
 Nishimura, M. *uncl* 101 W. 126  
 Nishman, D. *m* 104 Moore, Bklyn.  
 Nisselson, T. M. *c* 941 Simpson  
 Nissley, C. G. † *j* Furnald  
 Nitchie, E. † *gr* 430 W. 119  
 Nix, P. F. *e* 30 E. 42  
 Nixon, F. W. † *l* 29 Hillside ave., Orange  
 Noback, C. V. *uncl* 2059 Davidson ave.  
 Noble, M. † *pa* Whittier  
 Noble, M. R. † *gr ed* 434 W. 120  
 Noble, W. H. *e* 540 W. 113  
 Nodine, E. R. *m*  
 27 Siwanoy ave., New Rochelle  
 Nolan, A. C. *e* 747 E. 232  
 Nolan, M. A. † *b* 204 W. 78  
 Nolan, R. H. *e* 39 Claremont ave.  
 Noland, L. *gr* 121 E. 38  
 Noll, A. † *gr* 80 W. 90  
 Noll, L. *m* 1611 St. Marks ave., Bklyn.  
 Nomland, H. *bu* 538 W. 114  
 Noonan, K. E. † *e* 610 W. 136  
 Noonan, M. E. † *gr ed* 501 W. 120  
 Noorigan, P. *c* 456 W. 37  
 Norbury, J. † *e* 12 White Terr., Newark  
 Norris, J. R. *c* 616 W. 113  
 Norris, M. B. † *e* 605 W. 113  
 Norris, R. † *pa* 439 W. 123  
 Norris, R. P. *c* Hartley  
 Norris, W. J. *m* 440 Riverside Dr.  
 North, D. † *pa* Whittier  
 North, W. *c* 251 Ft. Washington ave.  
 Northacker, H. A. *gr ed* 52 Morton  
 Northcott, C. H. *gr* 269 W. 118

Northrop, E. H. † *gr ed*  
 257 Brooklyn ave., Bklyn.  
 Norton, J. F. *m* 399 York, Jersey City  
 Norton, M. † *pa* Whittier  
 Norton, T. J. *me* 562 W. 171  
 Noyes, H. R. *e* 198 Broadway  
 Nozaki, J. *bu* 34 Vermilyea ave.  
 Nuffort, W. *e* 900 S. 16, Newark  
 Nulsen, M. E. *me* 410 W. 115  
 Nurock, L. *ph* 2373 Belmont ave.  
 Nurock, L. E. *ph* 782 E. 180  
 Nusbaum, L. R. † *pa* Whittier  
 Nusbaum, M. † *ed* 2940 Broadway  
 Nusbaum, V. H. *c* Hartley  
 Nussbaum, M. † *e* 100 W. 115  
 Nussbaum, S. *m* 2019 Surf ave., Bklyn.  
 Nute, W. L. *m*  
 162 Anderson ave., Palisade  
 Nye, R. H. *e* 1120 Amsterdam ave.  
 Oak, D. † *b* 146 W. 119  
 Oakley, J. M. † *e*  
 88 W. Lincoln ave., Mt. Vernon  
 Oakley, M. F. † *e* 233 McDonough, Bklyn.  
 Oat, G. S. † *e* Whittier  
 Ober, A. M. † *e* 15 E. 38  
 Oberle, L. † *b* 39 Burnett, Maplewood  
 Obermeyer, H. E. *c* 138 W. 4, Mt. Vernon  
 Obermeyer, R. † *e* 930 Park ave.  
 Oberrender, G. F. *m* 565 W. 113  
 Oberrender, W. H. *c* 565 W. 113  
 Obre, A. L. † *l* 531 W. 113  
 Obrentz, M. J. *ph* 1485 S. Boulevard  
 O'Brien, A. † *gr* 90 Morningside Dr.  
 O'Brien, E. G. † *gr ed* 55 E. 95  
 O'Brien, F. M. 25 Catherine, Bridgeport  
 O'Brien, H. C. † *e* 90 Morningside Dr.  
 O'Brien, M. † *e* 184 Van Buren, Bklyn.  
 O'Brien, M. † *b*  
 191 Brighton ave., Perth Amboy  
 O'Brien, M. C. † *e* 54 Evergreen, Bayonne  
 O'Brien, M. J. † *e* 503 W. 122  
 O'Connell, C. S. *e*  
 2078 Grand ave., University Heights  
 O'Connell, H. *e* 557 W. 124  
 O'Connell, M. E. † *e* 225 W. 14  
 O'Connor, A. S. † *ed* 99 Claremont ave.  
 O'Connor, E. *e* 155 E. 22  
 O'Connor, J. *e* 155 E. 22  
 O'Connor, M. S. † *pa* 145 E. 35  
 Oda, K. *e* 31 E. 17  
 Odate, G. *gr* 147 E. 19  
 Odell, L. S. *gr* 83½ Monroe, Bklyn.  
 Odell, M. McK. † *ed* 543 E. 181

- O'Donnell, A. M. † *pa* 140 Claremont ave.  
 O'Donnell, E. G. † *e* 82 Chestnut ave., Pelham  
 O'Donnell, E. J. *e* 165 W. 72  
 O'Donnell, M. E. † *e* 443 E. 17 Bklyn.  
 O'Donnell, M. P. † *pa* 2681 Briggs ave.  
 O'Dowd, J. J. *m* 418 W. 150  
 O'Dowde, C. † *e* 436 Manhattan ave.  
 Oettinger, M. L. † *pa* Whittier  
 Offner, M. M. *c* 1606 Third ave.  
 Ogden, A. M. † *e* 501 W. 120  
 Ogden, M. A. † *b* 136 W. 104  
 Ogden, M. E. † *pa* 241 W. Grand, Elizabeth  
 Oggins, I. *c* 428 Ditmars ave., Astoria  
 Ogilvie, N. † *pa* 403 W. 115  
 O'Grady, J. B. *c* 781 Home  
 O'Hara, C. F. † *e* 228-29th, Woodcliff, N. J.  
 Ohinata, C. *bu* 102 W. 123  
 Ohl, R. † *gr* 115 Washington Place  
 Ohlandt, J. F. *e* 165 Monroe, Bklyn.  
 Ohlbaum, C. *m* 331 Eighth, Bklyn.  
 Ohta, S. *e* 52 Morningside ave.  
 Ojerholm, E. L. † *e* 3163 Broadway  
 Okin, I. *c* 192 Moore, Hackensack, N. J.  
 Okiyama, H. † *e* 524 W. 124  
 Okkerse, B. McP. *e* 422 E. 134  
 Olden, S. E. † *e* 401 W. 118  
 Oldenbusch, C. † *b* 72 Marlboro Rd. Bklyn.  
 Oley, M. F. † *e* Wortendyke, N. J.  
 Olgin, M. J. *gr* 132 W. 121  
 Olin, J. W. E. *pa* 41 Union ave., Rutherford, N. J.  
 Oliver, A. † *e* 519 W. 121  
 Oliver, M. C. † *ed* 540 W. 122  
 Olmsted, L. † *e* 441 W. 28  
 Olney, M. † *pa* Whittier  
 Olsen, G. *e* 653 Cauldwell ave.  
 Olson, E. L. L. † *pa* Whittier  
 Olson, H. J. *m* 342 W. 56  
 Olson, I. M. *m* 109 W. 112  
 Olson, M. E. † *gr ed* 418 W. 118  
 Olson, S. B. *pa* 1116 Amsterdam ave.  
 O'Mahony, T. E. *e* 237 W. 109  
 O'Malley, C. A. *m* 127 Elm, Yonkers  
 O'Malley, T. S. *m* 106 Morningside Dr.  
 Omeis, M. L. F. † *b* 2958 Briggs ave., Bedford Park  
 O'Neal, D. † *e* 239 Central Park West  
 O'Neil, A. J. *gr* 1654 Madison ave.  
 O'Neil, K. V. † *e* 241 W. 71  
 O'Neil, R. J. *e* 3605 Broadway  
 O'Neill, M. B. † *b* Furnald  
 O'Niell, R. N. *e* Ossining  
 Opdycke, M. E. † *b* 117 E. 69  
 Oppenheim, G. D. *c* 16 Mt. Hope Pl.  
 Oppenheim, L. † *e* 520 W. 122  
 Oppenheim, S. *c* 520 W. 122  
 Oppenheimer, E. † *pa* 310 W. 94  
 Oppenheimer, J. J. *gr ed* Livingston  
 Oppenheimer, L. S. † *e* 509 W. 122  
 Oppenheimer, M. R. † *e* 57 E. 80  
 Oppen, E. M. † *gr* 674 West End ave.  
 Oranovsky, N. † *e* 342 W. 71  
 Orellana, M. † *e* 147 Hobart, Ridgely Pk., N. J.  
 Orlady, N. † *e* 128 W. 74  
 Orlando, S. *c* 180 Ave. A  
 Orleans, A. S. *e* 2025 Madison ave.  
 Orliansky, I. L. *l* 11 St. Nicholas ave.  
 Orloff, L. *c* 823 Kelly, Bklyn.  
 Ornstein, I. G. *l* 912 Kelly  
 O'Rourke, J. *e* 271 Ft. Washington ave.  
 O'Rourke, M. J. *c* 59 Spencer ave., Lynbrook  
 Orr, F. B. *m* 27 W. 61  
 Orr, M. N. † *e* 66 Jamaica ave., Flushing  
 Orrell, B. B. † *e* 6 W. 87  
 Ortmann, L. † *e* 527 W. 121  
 Osborn, M. A. † *e* 251 W. 95  
 Osborne, E. B. † *e* 4 Stonebridge Rd., Montclair  
 Osborne, E. M. † *e* 1292 Madison ave.  
 Osborne, F. V. † *e* 321 W. 126  
 Osborne, L. † *e* 8 E. 8  
 Osborne, M. † *e* 321 W. 126  
 Osborne, M. L. † *gr* 440 Riverside Dr.  
 Osborne, M. S. † *bu* 321 W. 126  
 Oschrein, E. † *b* 130 Ogden ave., Jersey City  
 O'Shea, H. E. † *gr ed* Furnald  
 Oshinsky, D. B. *e* 43 W. 70  
 Osmena, M. *e* 470 E. 161  
 Oster, K. E. † *e* 1842 Anthony ave.  
 Osterberg, C. † *e* 153 W. 117  
 Osterman, J. † *e* 2203 Belmont ave.  
 Osterweil, V. † *e* 796 S. 10th, Newark  
 Ostrander, G. P. † *pa* Whittier  
 Ostrander, J. M. † *gr* Furnald  
 Ostrander, L. † *pa* Whittier  
 Ostrow, A. *c* 158 Waverly ave., Newark  
 Ostrow, E. M. *l* 140 Fulton, Bklyn.  
 O'Sullivan, W. V. *c* Hartley  
 Osumi, T. *bu* 660 W. 180  
 Otis, K. E. † *e* 501 W. 121

Otis, M. † <i>gr</i>	501 W. 121	Parker, E. F. C. <i>e</i>	326 E. 58
O'Toole, E. <i>j</i>		Parker, E. H. <i>mec</i>	608 W. 113
O'Toole, J. F. <i>ed</i>	Grantwood	Parker, J. B. † <i>e</i>	435 W. 119
Otten, E. † <i>e</i>	853 E. 176	Parker, L. † <i>b</i>	99 Claremont ave.
Otis, K. E. † <i>e</i>	501 W. 121	Parker, L. F. <i>bu</i>	435 W. 117
Ottmer, M. C. † <i>e</i>	129 E. 10	Parker, R. † <i>e</i>	326 E. 58
Otto, D. M. † <i>pa</i>	Whittier	Parker, W. G. <i>gr ed</i>	
Otto, M. † <i>e</i>	1106 College ave.		314½ Pavonia ave., Jersey City
Otto, V. † <i>b</i>	Brooks	Parkes, A. E. M. † <i>e</i>	540 W. 122
Outhwaite, L. <i>m</i>	152 W. 58	Parkinson, M. A. † <i>ed</i>	Furnald
Overstreet, E. R. † <i>pa</i>	Whittier	Parks, D. † <i>e</i>	326 W. 80
Owen, A. Z. <i>a</i>	215 W. 108	Parks, H. † <i>pa</i>	417 W. 120
Owen, H. M. † <i>pa</i>	Whittier	Parks, H. J. † <i>e</i>	
Owen, M. K. † <i>pa</i>	Furnald		23 Fairview ave., Verona, N. J.
Owen, P. K. <i>e</i>	215 W. 108	Parmelee, I. † <i>e</i>	652 W. 170
Owens, L. C. Jr. <i>c</i>	312 W. 99	Parnet, A. A. <i>e</i>	830 Cauldwell ave.
Owens, M. † <i>e</i>	90 Morningside Dr.	Parnes, P. <i>c</i>	
Oxhandler, S. <i>a</i>	1013 Bryant ave.	Parra, P. L. <i>l</i>	17 Battery Pl.
Oxman, S. H. <i>ph</i>	4 E. 119	Parsons, A. T. L. † <i>gr</i>	925 Park ave.
Oyeman, E. C. † <i>pa</i>		Parsons, C. H. <i>gr</i>	1116 Amsterdam ave.
Pabst, V. <i>e</i>	318 W. 57	Parsons, L. <i>undl</i>	99 Park ave.
Pabst, W. <i>e</i>	234 Linden ave., Jersey City	Parsons, M. C. † <i>gr ed</i>	344 W. 36
Pace, A. <i>ph</i>	209 Columbia, Bklyn.	Partridge, M. L. A. † <i>b</i>	162 W. 54
Pack, S. J. <i>c</i>	51 Lenox ave.	Pasachoff, H. D. <i>m</i>	1526 Charlotte
Padgett, I. † <i>pa</i>	Whittier	Pascal, C. H. † <i>e</i>	312 Haven ave.
Padilla, S. <i>undl</i>	525 W. 123	Pascal, J. I. <i>m</i>	37 W. 97
Page, A. O. † <i>pa</i>	1230 Amsterdam ave.	Pascale, F. <i>ph</i>	15 E. Jackson ave., Corona
Page, L. † <i>e</i>	345 W. 70	Pashayan, E. † <i>ed</i>	523 W. 121
Paglia, A. C. <i>ph</i>	133 Waverly Pl.	Pasmantier, D. <i>e</i>	1814 Clinton ave.
Paige, B. H. † <i>gr</i>	417 W. 118	Pasner, S. D. <i>c</i>	30 Delancy
Palebitski, G. † <i>e</i>	128 W. 74	Pass, J. <i>e</i>	16 Christopher
Paley, C. <i>c</i>	340 Chester, Bklyn.	Pasternak, J. <i>gr</i>	303 President, Bklyn.
Palinsky, M. <i>m</i>	4015-13th ave., Bklyn.	Pasvolsky, F. † <i>undl</i>	31 E. 7
Palmer, A. C. † <i>gr</i>	70 Morningside Dr.	Paterson, R. † <i>b</i>	438 W. 116
Palmer, A. M. † <i>e</i>	21 Bennett ave.	Patet, N. J. <i>c</i>	318 W. 57
Palmer, H. M. <i>e</i>	312 W. 102	Patrick, G. H. <i>e</i>	3285 Broadway
Palmer, J. T. <i>ed</i>		Patten, B. † <i>e</i>	522 W. 174
	266 S. Second ave., Mt. Vernon	Patterson, H. S. <i>ph</i>	Ellenville
Palmer, M. A. † <i>gr</i>	Furnald	Patterson, L. E. † <i>gr ed</i>	500 W. 122
Panaro, L. M. <i>m</i>	320 W. 16	Patterson, R. L. <i>gr</i>	Union Theo. Seminary
Pantano, A. † <i>gr ed</i>	8788-22nd ave., Bklyn	Pattison, G. A. † <i>ed</i>	418 W. 118
Pantelides, E. D. <i>e</i>	201 W. 107	Patton, M. H. † <i>ed</i>	1702 Topping ave.
Papadopoulos, T. <i>l</i>	251 W. 116	Patz, G. <i>gr</i>	102 W. 103
Pape, C. F. <i>e</i>	2608 Briggs ave.	Paul, I. <i>e</i>	655 E. 163
Pape, J. C. <i>e</i>	248 Suydam ave., Jersey City	Paull, R. † <i>e</i>	90 Morningside Dr.
Papp, J. J. <i>e</i>	160 Eagle, Bklyn.	Paulonis, J. F. <i>m</i>	454 Grand, Bklyn.
Parelhoff, R. B. † <i>e</i>	559 W. 191	Paulson, E. F. † <i>pa</i>	
Parent, A. K. <i>c</i>	Larchmont Gardens		182 Woodworth ave., Yonkers
Parker, A. D. <i>m</i>	27 W. 61	Pauw, J. C. <i>gr ed</i>	522 W. 123
Parker, A. J. <i>m</i>	190 Hancock, Bklyn.	Pawley, R. <i>e</i>	64 E. 86
Parker, A. M. † <i>e</i>	Whittier	Payton, S. A. † <i>b</i>	Brooks
Parker, C. † <i>e</i>	106 Morningside Dr.	Peabody, E. B. † <i>pa</i>	Whittier
Parker, E. † <i>e</i>	541 E. 78	Peabody, H. A. † <i>e</i>	114 E. 84

- Peabody, M. E. † *gr ed* Englewood  
 Pearce, D. S. † *pa* Manasquan, N. J.  
 Pearce, M. E. † *e* 1000 St. Nicholas ave.  
 Pearlberg, A. N. *ed* 102 E. 111  
 Pearlstine, E. E. † *pa* Whittier  
 Pearson, L. D. *gr* 243 Waverly Pl.  
 Pease, H. A. † *gr* 1372 Riverside Dr.  
 Pease, R. A. † *pa* 523 W. 121  
 Pecharsky, J. *ph* 1000 Manhattan ave.  
 Peck, F. E. † *pa* Whittier  
 Peck, M. † *e* 44 W. 77  
 Peck, W. E. *gr*  
 26 Coligni ave., New Rochelle  
 Pecker, M. E. *c* 917 Glenmore ave., Bklyn.  
 Peckham, B. A. † *gr* 501 W. 121  
 Peckham, C. E. † *pa* 424 W. 119  
 Peckham, E. M. † *e* 521 W. 180  
 Peckham, J. L. *gr ed* 175 Ninth ave.  
 Pedersen, E. *e* 527 Fifth ave.  
 Pedlar, W. A. *pa* 408-7th, Bklyn.  
 Peebles, W. C. *gr ed*  
 3064 Albany Crescent, Kingsbridge  
 Peirce, S. W. † *b* Furnald  
 Peirson, E. † *pa* Whittier  
 Peller, P. *c* 427 E. 8th, Bklyn.  
 Pellicione, C. *ph* 157 First ave.  
 Pels, H. *l* Manhattan Sq. Hotel  
 Peltz, R. L. † *b* 1369-48th, Bklyn.  
 Peltzman, H. *ph* 224 E. 11  
 Pembleton, E. † *e*  
 96 Pleasant Pl., Arlington, N. J.  
 Pencharz, I. R. *e* 307 Pennsylvania ave.  
 Pendleton, E. J. *e* 411 W. 115  
 Penn, A. N. *c* 203 W. 102  
 Penningroth, L. P. *gr* 600 W. 122  
 Pensovecchio, C. *ph* 311 E. 27  
 Pensovecchio, P. *ph* 311 E. 27  
 Peper, J. L. *c* 578 Washington ave.  
 Peper, W. S. *e* 469 Fourth ave., L. I. City  
 Pepper, O. W. † *pa* Whittier  
 Pepple, B. E. † *ed* 418 W. 118  
 Percy, H. C. † *gr* 43 McDonough, Bklyn.  
 Peri, A. *mec* Hartley  
 Perini, A. J. *e* 42 King  
 Perkins, F. D. † *pa* 537-1st, Bklyn.  
 Perkins, J. R. *m* 318 W. 57  
 Perkins, L. A. † *e* 209 Madison, Passaic  
 Perkins, O. C. *e* 5 Montague Terr., Bklyn.  
 Perkins, O. P. *c* 828 St. Nicholas ave.  
 Perla, D. *c* 324 Decatur, Bklyn.  
 Perla, L. *gr* 324 Decatur, Bklyn.  
 Perlberg, E. † *e* 58 W. 115  
 Perline, M. † *e* 50 Morningside ave.  
 Perlman, F. S. † *b* 297 E. 4  
 Perlman, R. C. *e* 1905 Marmion ave.  
 Perpente, M. † *e* 614 W. 157  
 Perrella, A. *e* 358 W. 23  
 Perrin, A. S. † *e* 56 W. 58  
 Perrine, E. L. † *uncl*  
 15 Mountain View ave., Orange  
 Perrone, F. *m* 4 W. 113  
 Perry, C. H. † *e*  
 92 S. Maple ave., Ridgewood  
 Perry, H. † *pa* Nyack  
 Perry, J. H. *e* 254 W. 26  
 Perry, M. M. † *pa* 1230 Amsterdam ave.  
 Perryman, H. A. † *e* 512 W. 122  
 Persky, A. M. *m* 278 W. 113  
 Persons, G. L. † *e* Grantwood, N. J.  
 Peruta, F. D. *ph* 185 Slater, Paterson  
 Peskowitz, S. *c* 636 Third ave., Bklyn.  
 Peters, D. *e* 14 Beverly Pl., Edgewater  
 Peters, F. H. *m* 314 W. 99  
 Peters, F. N. † *e* 157 Van Buren, Passaic  
 Peters, L. McC. † *b* 227 W. 99  
 Peters, M. E. † *b* 1158-56th, Bklyn.  
 Peterson, C. A. *e* 286 Third ave.  
 Peterson, C. F. † *pa* 824 St. Nicholas ave.  
 Peterson, M. A. † *gr ed* 512 W. 122  
 Peterson, S. † *gr ed* Furnald  
 Peterson, T. C. *e* 286 Third ave.  
 Petofsky, J. S. *e*  
 1128 Bedford ave., Richmond Hill  
 Petrucci, M. Y. *ph*  
 643 Grand ave., New Haven, Conn.  
 Petschek, W. J. *c* 639 Prospect ave.  
 Pettengill, F. G. *m*  
 Riverdale Country School, Riverdale  
 Pettigrew, J. E. † *e* 1407 Lexington ave.  
 Pettit, A. E. *l* 501 W. 121  
 Pettit, L. E. † *ed* 1086 Amsterdam ave.  
 Petzold, A. W. *e* 133 Pacific, Bklyn.  
 Peyser, B. *e* 1851 Seventh ave.  
 Pfaltz, M. H. † *b* 142 W. 119  
 Pfeifer, E. † *pa* 172 W. 79  
 Pfeil, A. *e* 813 Washington  
 Pffner, J. McD. *gr* Livingston  
 Pfof, G. J. *a* River Edge, N. J.  
 Phelps, A. E. † *ed* Edgewater, N. J.  
 Phelps, C. G. † *ed* 430 W. 118  
 Phelps, E. M. † *b* 137 W. 80  
 Phelps, K. P. *c* 103 Alta ave., Yonkers  
 Philhower, C. A. *gr ed* Westfield, N. J.  
 Philippson, J. S. *e* 1431 Madison ave.  
 Phillips, A. E. † *e*  
 37 Park Pl., New Rochelle

Phillips, C. E. <i>c</i>	Livingston	Pinto, J. <i>c</i>	
Phillips, E. B. † <i>pa</i>	Whittier	Piotrowska, H. † <i>gr ed</i>	541 W. 123
Phillips, E. K. † <i>ed</i>	252 W. 85	Piper, K. B. <i>c</i>	1644 New York ave., Bklyn.
Phillips, L. G. <i>c</i>	600 W. 116	Piper, P. † <i>e</i>	Furnald
Phillips, V. † <i>e</i>	600 W. 116	Pisani, A. <i>c</i>	16 Morningside ave.
Phillips, V. † <i>gr ed</i>	Furnald	Pisciotta, J. <i>e</i>	270 1/2-9th, Bklyn.
Philo, F. † <i>gr ed</i>	515 W. 122	Pitkin, E. S. <i>ed</i>	70 N. 15th, E. Orange
Phoebus, E. D. † <i>e</i>	1569 W. 3, Bklyn.	Place, M. C. † <i>e</i>	2755 Boulevard, Jersey City
Piaget, V. <i>e</i>	Llewellyn Park, W. Orange	Plank, E. F. <i>e</i>	435 Herkimer, Bklyn.
Pichardo, C. M. † <i>ph</i>	725 Riverside Dr.	Plapinger, M. <i>e</i>	142 W. 112
Pick, T. † <i>e</i>	41 E. 72	Platt, A. † <i>pa</i>	210 W. 110
Pickering, J. S. <i>c</i>	Hartley	Platt, A. J. † <i>e</i>	61 W. 106
Pickert, D. M. † <i>e</i>	416 W. 118	Plein, L. N. <i>c</i>	2791 Briggs ave.
Pickett, E. B. † <i>pa</i>	540 W. 122	Ploss, P. † <i>e</i>	127 William, Orange
Pickhardt, D. A. † <i>e</i>	105 E. 22	Plotkin, B. <i>gr</i>	578 Cleveland, Bklyn.
Pickhardt, P. M. † <i>b</i>	43-6th, Pelham	Plume, V. H. † <i>e</i>	138 Slocum ave., Englewood
Pickins, L. G. † <i>e</i>	343 Amity, Flushing	Plummer, L. L. † <i>e</i>	601 W. 191
Pider, M. Z. † <i>gr ed</i>	523 W. 121	Plunkitt, A. L. † <i>e</i>	200 Berkeley Pl., Bklyn.
Piehler, F. † <i>e</i>	135 W. 16	Pockman, G. B. † <i>pa</i>	100 Morningside Dr.
Piel, A. † <i>b</i>	245 W. 72	Pohl, E. † <i>pa</i>	509 W. 121
Piel, R. A. <i>c</i>	245 W. 72	Pohlmann, H. F. <i>m</i>	35 W. 84
Pierce, B. <i>ph</i>	Butler, N. J.	Poland, J. F. <i>e</i>	New Rochelle
Pierce, C. † <i>pa</i>	419 W. 121	Polhemus, B. † <i>pa</i>	527 W. 121
Pierce, E. K. † <i>pa</i>		Pollak, E. † <i>pa</i>	323 W. 83
Pierce, E. T. <i>c</i>	Hawthorne	Polloch, I. H. <i>ph</i>	657 Flatbush ave., Bklyn.
Pierce, F. L. † <i>ed</i>	855 Riverside Dr.	Pomeroy, K. † <i>e</i>	96 Maple ave., Greenwich, Conn.
Pierce, G. O. <i>ed</i>	Hudson Heights, N. J.	Ponemon, I. W. <i>m</i>	453 Graham ave., Bklyn.
Pierce, H. † <i>e</i>	50 W. 105	Poole, L. † <i>ed</i>	546 W. 124
Pierce, H. G. † <i>b</i>	315 W. 94	Pope, G. A. † <i>pa</i>	Whittier
Pierchalski, W. R. Jr. <i>ph</i>	330-43rd, Bklyn.	Pope, L. H. † <i>pa</i>	Whittier
Piersall, C. E. † <i>b</i>	4059 Lowerre Pl.	Pope, M. A. † <i>pa</i>	Whittier
Pierson, E. † <i>gr ed</i>	3117 Broadway	Pope, R. † <i>b</i>	Brooks
Pierson, R. F. <i>e</i>	38 Ft. Washington ave.	Popkin, L. S. <i>c</i>	Hartley
Pierson, R. N. <i>m</i>	61 Broad, Stamford, Conn.	Popolowsky, I. <i>ph</i>	376 Grand
Pietaro, M. J. <i>c</i>	572 President, Bklyn.	Popovich, T. <i>c</i>	207 E. 19
Pigg, E. C. † <i>e</i>	501 W. 121	Popp, H. J. <i>e</i>	Edgewater Pl., Edgewater
Pike, A. M. † <i>gr</i>	Whittier	Popper, L. E. <i>c</i>	1242 Madison ave.
Pike, H. † <i>e</i>	876 W. 180	Popper, V. † <i>e</i>	Hotel Willard
Pike, M. E. † <i>gr</i>	876 W. 180	Porfilio, F. M. <i>c</i>	2338 Beaumont ave.
Pike, M. E. <i>l</i>	1389 Stebbins ave.	Porter, E. † <i>e</i>	163 W. 80
Pike, R. <i>e</i>	Ramsay, N. J.	Porter, H. † <i>e</i>	412 W. 115
Pilcher, V. B. † <i>j</i>	530 W. 123	Porter, K. † <i>e</i>	147 W. 111
Pile, R. F. <i>c</i>	101 W. 70	Porter, V. <i>e</i>	310 W. 122
Pillot, A. † <i>e</i>	800 Fox	Portillo, L. † <i>ed</i>	161 W. 75
Pilsbury, R. M. † <i>e</i>	117 Putnam, Paterson	Portner, M. <i>e</i>	300 W. 17
Pincus, J. <i>m</i>	261 Riverdale ave., Bklyn.	Posner, A. <i>c</i>	508 W. 134
Pindar, M. L. † <i>b</i>	110 Morningside Dr.	Possons, E. M. † <i>e</i>	610 W. 116
Pines, R. A. <i>c</i>	Hartley		
Pinkert, E. G. † <i>e</i>	Junior League Hotel		
Pinkerton, E. D. † <i>pa</i>	106 Morningside Dr.		
Pinney, M. M. † <i>pa</i>	540 W. 122		
Pinski, H. <i>c</i>	773 Beck		

- Post, E. L. *gr* 280 Manhattan ave.  
 Post, F. B. *a* 1124 Amsterdam ave.  
 Post, J. J. *m* Palisades Park, N. J.  
 Post, L. W. *c* 580-5th, Bklyn.  
 Potofsky, J. S. *e*  
 1128 Bedford ave., Richmond Hill  
 Pott, J. H. *ed* 25 Mt. Morris Park W.  
 Pott, K. W. *† b* 304 W. 99  
 Pott, R. M. *a* 304 W. 99  
 Potter, D. L. *† b* Brooks  
 Potter, G. *† b* Bronxville  
 Potter, P. C. *m*  
 Independence ave., Spuyten Duyvil  
 Potter, R. F. *c* 428-5th, Bklyn.  
 Potts, R. *ph* Sandy Creek  
 Poull, L. E. *† gr ed* 501 W. 121  
 Povlson, P. K. *c* 439-9th, Bklyn.  
 Powell, B. J. *ph* 232 W. 63  
 Powell, J. M. *† b* 349 West End ave.  
 Powell, L. *† pa* 503 W. 121  
 Powell, R. *c* Hartley  
 Powers, M. I. *† e* 163 Milton, Bklyn.  
 Powell, E. *gr* 35 E. 77  
 Powlas, A. P. *† ed* 541 Lexington ave.  
 Pozdena, R. J. *e* 306 E. 70  
 Pramuk, S. A. Jr. *e* 918 E. 12, Bklyn.  
 Prankard, G. *† e* 71 W. 92  
 Pratt, G. K. *† pa* Whittier  
 Pratt, M. *† gr*  
 Curtis High School, New Brighton  
 Pratt, M. E. *† e* 430 W. 122  
 Pratt, R. *† m* 106 Morningside Dr.  
 Pratt, S. E. *c* 518-54th, Bklyn.  
 Prager, W. H. *c* Hartley  
 Preger, S. *c* 824 Third Pl., Plainfield.  
 Preice, H. G. *† b* 315 W. 94  
 Preis, M. *† e* New, Far Rockaway  
 Prenez, B. *† uncl* 609 W. 127  
 Press, A. *ph* 1336 Brook ave.  
 Pressman, S. *e* 1523 Charlotte  
 Pressner, S. *e* 964 Tiffany  
 Price, A. E. *gr ed* 62 Bay 23, Bklyn.  
 Price, B. *† e* 518 W. 142  
 Price, E. B. *† e* 362 W. 119  
 Price, H. *† pa* Whittier  
 Price, I. *c* 786 E. 183  
 Price, L. *e* 1324 St. Nicholas ave.  
 Price, M. McC. *† pa* 106 Morningside Dr.  
 Pride, C. E. *† e* Roslyn  
 Priest, E. *† e* Burnett, Maplewood  
 Prime, R. E. *c*  
 75 Locust Hill ave., Yonkers  
 Primm, W. R. *gr* 540 W. 113  
 Primmer, S. S. *† e* 414 W. 118  
 Prince, E. A. *† gr* Columbia University  
 Prince, E. M. *† e* 79 W. 45  
 Prince, I. *e* 25 E. 99  
 Prince, M. *e* 164 Ferry  
 Prink, S. S. *† gr* 49 Hemlock, Bklyn.  
 Pritchard, E. R. *† gr* 102 W. 93  
 Probst, N. Jr. *l* 52 St. Marks Pl.  
 Proctor, E. E. *† pa* Whittier  
 Proctor, E. H. *† e*  
 209 Madison ave., Passaic  
 Proffitt, H. W. *c* Livingston  
 Prosser, R. D. *c* Chestnut St., Englewood  
 Proudian, A. T. *c* 241 W. 109  
 Pryor, D. DeB. *† pa* Whittier  
 Puente, M. de J. *mec*  
 Puerschner, O. *† b*  
 1173 Jefferson ave., Bklyn.  
 Pugh, J. H. *c* 243 W. 12  
 Pullen, G. F. *m* 20 E. Elm, Greenwich, Ct.  
 Pulsifer, C. C. *e* 38 Briggs ave., Yonkers  
 Pulver, K. *† pa* 417 W. 118  
 Pulvermacher, D. *† pa* 719 W. 180  
 Pulvermacher, W. D. *gr*  
 263 Sanford ave., Flushing  
 Purchase, F. M. *† e*  
 Church, Richmond Hill  
 Purcell, R. R. *† pa* 51 Quincy, Bklyn.  
 Purdy, C. H. *† e* 29 E. 29  
 Purdy, E. T. *† e* Ritz-Carlton Hotel  
 Purdy, H. A. *† b* 418 W. 118  
 Purdy, M. D. *† pa* Bronxville  
 Purdy, W. F. *e* 527-16th, Flushing  
 Putnam, A. *† e* 66 Oriental  
 Putnam, A. D. *† e* Arcola, N. J.  
 Pyburn, P. F. Jr. *mec*  
 600 Franklin ave., Bklyn.  
 Pye, O. F. *† gr ed*  
 26 Mountain ave., Edgewater  
 Pyle, A. McA. *† e* 11 E. 68  
 Pyle, E. *† gr* 678 Bergen ave., Jersey City  
 Pyle, H. *† e* 430 W. 118  
 Pyle, S. D. *gr ed*  
 469 Washington ave., Bklyn.  
 Quackenbos, K. *† gr* 345 W. 70  
 Quackenbush, Elizabeth *† e* 416 W. 118  
 Quackenbush, Emma *† e* Furnald  
 Quantmeyer, F. *e* Westwood, N. J.  
 Quentzel, C. *† e*  
 436 New Jersey ave., Bklyn.  
 Quigley, T. E. *m* 21 W. 65  
 Quilliard, M. J. *† ed*  
 Quilty, J. A. *e* 51 E. 90

Quimbly, D. K. *† pa*  
330 Highland ave., Leonia  
Quinby, A. W. *† e* 14 James, Newark  
Quincy-Smith, D. *† uncl*  
740 West End ave.  
Quinerly, S. B. *† e* 537 W. 121  
Quinlan, M. C. *† e*  
128 N. Grove, Freeport  
Quinlan, W. *pa* 258 Broadway  
Quinlan, W. J. *e* 104 Terrace View ave.  
Quinn, E. A. *† e* 41 W. 83  
Quinn, M. *† e* 43 W. 83  
Quinn, T. *† e* 21 W. 82  
Quortrup, W. *e* Livingston  
Rabasa, E. Jr. *a* 542 W. 112  
Rabasa, O. *l* 542 W. 112  
Rabe, E. V. *† b* 348 E. 23, Flatbush  
Rabinovitch, W. *m* 58 E. 94  
Rabinowitz, B. A. *gr* 68 E. 7  
Rabinowitz, C. *gr* 154 Lenox ave.  
Rabinowitz, H. *† pa*  
142 Manhattan ave., Jersey City  
Rabinowitz, H. R. *e* 140 Henry  
Rabinowitz, J. *gr* 466 E. 172  
Rabinowitz, M. *† e*  
299 Tompkins ave., Bklyn.  
Rabold, T. F. *† e*  
67 Hauxhurst ave., Weehawken  
Race, S. R. *gr ed*  
12 Winthrop Pl., Maplewood, N. J.  
Racoubian, A. M. *e* 502 W. 122  
Radcliff, C. A. *† b* 54 Post, Yonkers  
Radcliff, P. E. Jr. *c* 12 Stanley Pl., Yonkers  
Rade, M. S. *† gr ed* 70 Morningside Dr.  
Radin, G. *e* 87 Arlington, Newark  
Radley, H. C. *ed*  
10 Adams, Port Washington  
Rado, H. R. *m* 142 S. 9th ave., Mt. Vernon  
Rae, A. M. *† gr ed*  
34 Jefferson ave., Bklyn.  
Raettig, A. S. *† e* 908 Park ave., Hoboken  
Rafferty, R. S. *† j* Furnald  
Rafferty, M. B. *† pa* Whittier  
Raffetto, E. *† e* 740 West End ave.  
Rafter, L. C. *† b* Port Washington  
Ragalsky, W. C. *e* 1608 Madison ave.  
Raimondi, N. *ph* 523 E. 13  
Rain, B. L. *c* 85 Hanson Pl., Bklyn.  
Raines, M. F. Jr. *e* 410 E. 32  
Rainsford, J. N. *† e* 620 W. 116  
Raisch, W. LeR. *pa*  
Montclair Academy, Montclair

Rakity, S. *pa* 1528 Charlotte  
Rakov, W. *c* 1961 Mapes ave.  
Raleigh, M. *e* Hotel Woodward  
Ralli, E. P. *† e* 167 W. 88  
Ralston, G. R. *e* 201 W. 136  
Ramos, J. F. *e*  
E. I. Du Pont De Nemours & Co.,  
Arlington, N. J.  
Ramsay, M. *† ed* 106 Morningside Dr.  
Ramsey, J. *† e*  
483 Gramatan ave., Mt. Vernon  
Randall, J. H. Jr. *c* 19 E. 126  
Randall, V. A. *e* 101 W. 123  
Randell, D. *† b* 265 W. 129  
Randolph, H. *† uncl* 430 W. 119  
Ranger, E. A. *† pa* 38 E. 73  
Rankin, E. *† gr ed* Furnald  
Rankin, J. J. *e* 5 W. 103  
Rankin, W. *e* 565 W. 113  
Ransohoff, N. S. *m* 308 W. 93  
Ransom, I. M. *† e* 419 W. 141  
Rapelje, L. C. *† e* 106 Morningside Dr.  
Raphael, A. *uncl* 283 Rutledge, Bklyn.  
Rapp, M. C. *† pa* Furnald  
Rapp, P. L. *gr* 35 Clifton Pl., Bklyn.  
Rappaport, A. *e* 332 Canal  
Rappaport, B. *m* 1381 Third ave.  
Rapps, I. *e*  
147 Cambridge ave., Garfield, N. J.  
Rappuhn, A. A. Jr. *e* 716-8th ave., Astoria  
Rasey, D. *† pa* Whittier  
Raskin, L. *ph* 1608 Madison ave.  
Rast, H. E. *† e* 109 W. 225  
Rast, O. *e* 428 W. 20  
Rathbone, R. C. *† e* Englewood  
Rathbone, R. V. *† pa* 501 W. 120  
Rau, C. R. *† e* 420 W. 116  
Rauchfuss, H. A. C. *c* 669 Jefferson Pl.  
Rauffus, C. J. *ph* 146 E. 34  
Rauh, S. E. *c* Hartley  
Rautenstrauch, M. B. *† gr ed* Palisade  
Rawson, A. *† pa* Whittier  
Rawson, M. P. *† b* Brooks  
Ray, B. F. *gr* Stony Brook  
Ray, F. *† gr* 95 Liberty  
Ray, F. A. *† gr ed* 509 W. 122  
Raymond, B. *e* 517 W. 113  
Raymond, C. *c* 405 W. 118  
Raymond, G. S. *c* Hartley  
Raymond, H. *e* Hartley  
Raymond, I. W. *c* 405 W. 118  
Raynes, A. F. *m* 348 W. 57  
Raynor, A. T. *† b* Brooks

- Raynor, C. † *b* Brooks  
 Raynor, L. † *e* 41 Livingston ave., Yonkers  
 Raynor, N. F. † *gr* 421 W. 118  
 Reagle, F. P. *gr ed* Montclair  
 Reber, E. J. † *e* 44 Duer Pl., Weehawken  
 Rebmann, V. L. F. *e* 92 Hamilton ave., Yonkers  
 Rector, B. † *e* 135 E. 52  
 Redd, M. † *pa* 136 E. 47  
 Reddy, D. G. † *e* 600 W. 144  
 Reder, F. † *b* 564 Fox  
 Redfern, M. L. † *pa* 1014 Hancock, Bklyn.  
 Redford, H. † *e* 162 W. 126  
 Redpath, A. G. *c* Hartley  
 Reed, M. A. † *pa* Whittier  
 Reed, N. C. † *ed* Westwood, N. J.  
 Reed, R. † *gr* 23 Salem, Hackensack  
 Reeder, C. H. † *e*  
 Reeves, C. M. † *e* 318 W. 72  
 Refregier, L. E. † *j* Furnald  
 Regan, J. G. *l* 80 W. 120  
 Regan, M. † *e* 419 W. 118  
 Regan, W. *e* 120 Broadway  
 Rehlaender, D. L. *c* 3089 Broadway  
 Rehn, M. R. † *e* Central & Yonkers ave., Yonkers  
 Reibel, P. J. *e* 951 Elizabeth ave., Elizabeth, N. J.  
 Reich, S. *c* Hartley  
 Reichhard, D. A. † *b* 480 Central Park West  
 Reichert, A. B. † *ed* 142 Woodworth ave., Yonkers  
 Reichle, H. S. *c* 60 Myrtle ave., Irvington, N. J.  
 Reid, C. W. † *e* 523 W. 122  
 Reid, E. M. † *b* 44 N. Tenth ave., Mt. Vernon  
 Reid, G. L. † *pa* 403 W. 115  
 Reid, I. † *e* 2201 University ave.  
 Reid, P. H. † *b* 107 Columbia Heights., Bklyn.  
 Reidy, K. L. † *ed* 169 E. 90  
 Reifler, E. B. † *gr* 434 E. 148  
 Reigart, K. M. † *gr ed* 31 Euclid ave., Yonkers  
 Reiley, F. M. † *bu* 433 Washington ave., Belleville, N. J.  
 Reilly, J. J. *gr* 718 Beck  
 Reilly, J. T. *e* 535 Wales ave.  
 Reilly, M. † *e* 554 W. 125  
 Reinfeld, A. *e* 500 W. 111  
 Reinhardt, W. E. *e* 517 Lexington ave.  
 Reinheimer, H. E. *l* 49 W. 70  
 Reinhold, R. M. *ed* 524 W. 122  
 Reinke, E. A. † *b* 635 W. 170  
 Reinke, H. W. *c* 629 W. 138  
 Reiss, R. *e* 1509 Bryant ave.  
 Reiter, J. *ph* 15 E. 101  
 Reiter, P. † *ph* 372 E. 8  
 Reizenstein, E. L. *e* 530 Manhattan ave.  
 Relyea, H. *c*  
 Remond, C. S. † *uncl* 51 Barry ave., Mamaroneck  
 Remsen, E. M. † *e* 501 W. 120  
 Remsen, E. S. † *e* 501 W. 120  
 Renner, J. A. *ph* 534 W. 152  
 Reno, A. † *e* 21st, cor. Broadway  
 Renshaw, E. † *e* Noroton, Conn.  
 Rentner, I. S. *c* 1834 Croton ave.  
 Renzulli, A. V. *ph* 337 Fourth, Jersey City  
 Replogle, B. † *gr* 501 W. 121  
 Resegand, L. M. † *e* 44 Page ave., Lyndhurst, N. J.  
 Resnikov, S. *ph* 66 E. 1  
 Ressimeyer, G. H. † *b* 348 W. 122  
 Restrepo, J. M. *uncl* 325 W. 36  
 Retting, L. N. † *pa* 527 W. 121  
 Retz, G. A. † *b* 1230 Amsterdam ave.  
 Reuhold H. *e* 205 Twelfth ave., Astoria  
 Reulein, J. Jr. *e* 971 Summit ave.  
 Reuther, E. A. *gr ed* 612 Elm, Westfield, N. J.  
 Reyes, N. † *bu* 234 W. 122  
 Reyes, R. † *e* 1230 Amsterdam  
 Reyling, C. † *e* 601 W. 136  
 Reynold, G. † *e* 417 W. 120  
 Reynolds, G. S. *m* 78 Ridgewood ave., Glen Ridge, N. J.  
 Reynolds, H. M. † *ed* 130 Claremont ave.  
 Reynolds, I. † *b* 182 Scarsdale ave., Tuckahoe  
 Reynolds, M. E. † *ed* 519 W. 121  
 Reynolds, M. P. † *ed* 186 Stewart ave., Arlington, N. J.  
 Rheinfrank, F. *e* 306 W. 102  
 Rhoades, D. R. † *b* 27 N. 15, Flushing  
 Rhodebeck, E. J. *m* 10 Cypress ave., Flushing  
 Rhodes, C. L. † *gr* Edgewater  
 Rhodes, E. † *pa* Whittier  
 Rhone, C. E. † *pa* 119 Lincoln, Passaic  
 Rhone, M. † *e* 119 Lincoln, Passaic  
 Ricca, A. *l* 24 Hutton, Jersey City  
 Ricciardi, A. *l* 199-201 W. 10  
 Riccio, P. M. *c* 384 Pleasant ave.



Rice, D. † *e* 28 Macdougall  
 Rice, J. W. *gr* Livingston  
 Rice, M. † *gr*. Hotel Ansonia  
 Rice, M. A. † *pa* 417 W. 118  
 Rice, S. A. *gr* 432 E. 25  
 Rice, V. † *e*  
 The Belnord, 86th & Broadway  
 Rich, C. L. *gr* 318 W. 57  
 Rich, E. J. *c* Hartley  
 Rich, F. M. *ed*  
 145 Edmund ave., Paterson  
 Richard, E. K. *m* 12 W. 103  
 Richards, K. L. † *gr* 135 E. 52  
 Richards, L. A. † *e*  
 Rye Seminary, Rye  
 Richards, J. S. *e* Randall's Island  
 Richardson, A. F. Jr. *c* 839 Jennings  
 Richardson, A. W. *c* 966 Woodycrest ave.  
 Richardson, C. H. *gr* 1400 University ave.  
 Richardson, M. † *gr ed*  
 18 Guion, New Rochelle  
 Richardson, M. C. *mec* 429 W. 117  
 Richart, M. E. † *pa*  
 312 Chilton, Elizabeth  
 Richel, M. *e* 1745 E. 19, Bklyn.  
 Richie, G. † *pa* 35 E. 62  
 Richie, M. J. † *pa*  
 105 St. James Pl., Bklyn.  
 Richless, C. *ph* 3 W. 101  
 Richman, W. J. *ph*  
 1853 Broadway, Bklyn.  
 Richmond, F. M. *pa* 357 W. 119  
 Richmond, T. I. † *pa* Whittier  
 Richter, E. A. *ph* Fort Lee  
 Richter, M. N. *m* 1019 Trinity ave.  
 Richter, R. † *e* 1393 Stebbins ave.  
 Richter, R. C. *e* 100 W. 105  
 Ricker, K. A. † *pa* 418 W. 118  
 Ricklin, M. *ph* 940 Fox  
 Riddick, M. A. † *pa* Whittier  
 Rider, F. *e* 299 Varich, Jersey City  
 Ridgway, G. M. † *e* 50 Nevins, Bklyn.  
 Ridley, H. E. † *pa* 622 W. 135  
 Riedkozoob, R. *m*  
 578 Prospect ave., Bronx  
 Rieger, M. † *e* 83 Osborn, Bklyn.  
 Riegger, C. E. † *e* 114 W. 109  
 Riehle, M. C. † *e* 314 High, Newark  
 Riehm, W. G. *e* 405 E. 204  
 Riesenber, E. † *ed*  
 739 Palisade ave., Yonkers  
 Riester, E. F. † *e* 325 E. 89  
 Riker, D. † *pa* 4 Mitchell Pl., White Plains

Riley, C. V. † *e* 523 W. 121  
 Riley, J. L. *gr ed* Livingston  
 Riley, M. † *gr ed*  
 869 St. Johns Pl., Bklyn.  
 Riley, M. V. † *e* Whittier  
 Riley, O. L. † *b* 414 W. 120  
 Riley, R. E. † *pa* 414 W. 120  
 Rinaldi, F. A. *ph* 1362-64th, Bklyn.  
 Rindler, M. *e* 762 German Pl.  
 Ring, H. B. *m* 74 Columbia ave., Passaic  
 Ring, S. W. *ph* 1226 Boston Rd.  
 Riordan, J. *e* 143 E. 97  
 Ripin, M. M. *c* 1855 Seventh ave.  
 Rippey, E. M. † *gr* 158 Nassau, Princeton  
 Riqueline, C. † *e* 506 W. 136  
 Risch, C. H. *e* 334 E. 34  
 Rising, S. E. † *e* 435 W. 119  
 Risner, D. † *pa* Whittier  
 Ritchie, M. † *pa* Whittier  
 Ritchie, M. E. † *e*  
 752 St. Johns Pl., Bklyn.  
 Rito, M. † *e* 575 W. 155  
 Rittenberg, B. H. † *und* 251 W. 92  
 Ritter, I. S. *m* 243 W. 122  
 Rivelson, L. T. † *e*  
 189 Atkins ave., Bklyn.  
 Rivelson, S. M. † 189 Atkins ave., Bklyn.  
 Rivenc, A. *e* 246 W. 144  
 Rivera, G. F. *c* 320 W. 111  
 Rivkin, H. B. † *b* 137 W. 54  
 Rizzo, P. A. *ph* 215 E. 118  
 Robb, C. C. † *b* Fairview Park, Tuckahoe  
 Robb, D. A. † *b* 482 Greene ave., Bklyn.  
 Robb, J. H. † *b* 35 E. 64  
 Robbin, L. *m* 345 W. 55  
 Robbins, H. *c* 804 Undercliff, Edgewater  
 Robbins, I. *c* 849 St. Nicholas ave.  
 Robbins, J. C. † *b* 849 St. Nicholas ave.  
 Roberts, A. E. *e* 165 Broadway  
 Roberts, A. F. † *e* 56 Hamilton Terr.  
 Roberts, A. R. † *e* 23 E. 32, Bayonne  
 Roberts, F. A. † *e* 113 Powers, Bklyn.  
 Roberts, G. H. Jr. *m* 35 W. 84  
 Roberts, H. H. † *gr* 414 W. 118  
 Roberts, J. G. *ph*  
 55 Caroline ave., Yonkers  
 Roberts, J. L. † *pa* Whittier  
 Roberts, L. B. *c*  
 133 Pelhamdale ave., Pelham  
 Robertson, B. R. † *e* Furnald  
 Robertson, C. *c* 1531-54th, Bklyn.  
 Robertson, C. A. *c* 315 Central Park West  
 Robertson, L. † *gr* Furnald

- Robertson, M. J. † *pa* Whittier  
 Robertson, M. L. *e* 527 W. 120  
 Robertson, W. *e*  
     59 Vernon Terr., E. Orange, N. J.  
 Robertson, W. D. *pa* 401 W. 118  
 Robinson, A. B. † *gr ed* 510 W. 123  
 Robinson, C. G. † *e* Furnald  
 Robinson, E. H. *e* 71 Prospect, Jamaica  
 Robinson, E. M. † *gr ed* 131 E. 15  
 Robinson, F. H. *e* 206 Broadway  
 Robinson, G. *e* 640 Castor  
 Robinson, H. S. *gr* 218 W. 113  
 Robinson, L. P. *gr ed*  
     E. Dudley ave., Westfield, N. J.  
 Robinson, M. † *gr ed* 509 W. 121  
 Robinson, M. S. *m* 16 E. 110  
 Robinson, M. V. † *b* Whittier  
 Robinson, M. V. † *e* 42 Sidney Pl., Bklyn.  
 Robinson, N. W. *e* 491 E. 153  
 Robinson, R. † *pa* 510 W. 123  
 Robinson, V. B. † *e*  
     83 Quincy ave., Arlington, N. J.  
 Robinson, W. S. *c* 627 W. 115  
 Robison, A. E. *m* 554 W. 173  
 Robison, S. *e* 524 Riverside Dr.  
 Roble, D. † *ed* Furnald  
 Robson, H. K. † *pa* 417 W. 120  
 Rochelle, M. H. *e*  
     228 Madison ave., Clifton, N. J.  
 Rock, J. M. † *pa* Whittier  
 Rockafeller, J. D. *c* Hartley  
 Rockmore, E. L. *e* Woolworth Bldg.  
 Rockwood, P. M. *e*  
     49 Prospect ave., Montclair  
 Rodeman, H. A. *e* 162 E. 91  
 Rodes, M. E. † *e* Whittier  
 Rodgers, C. I. † *ed* 3 Fifth ave.  
 Rodgers, M. W. *c* 161 W. 86  
 Rodriguez, A. H. *c* 416 W. 118  
 Rodriguez, M. † *pa* 318 W. 116  
 Rodriguez, M. C. † *e*  
     1140 Jefferson ave., Bklyn.  
 Roe, A. † *e* 40 Irving Pl.  
 Roe, E. † *e* 437 Manhattan ave.  
 Roe, R. K. *e* 439 Manhattan ave.  
 Roedel, W. G. *e* 252 W. 22  
 Roehm, H. S. † *e* 3920 Broadway  
 Roemer, C. H. P. † *e* 86 Haven ave.  
 Roemer, I. *e* 65 Ft. Washington ave.  
 Roethlisberger, F. J. *c*  
     47 Frelinghuysen Rd., Tompkinsville  
 Roetter, J. E. † *pa* Whittier  
 Roever, A. H. † *uncl* 120 Riverside Dr.  
 Rogatz, J. L. *m* 78 E. 91  
 Roger, I. E. † *ed* Mt. Vernon  
 Rogers, A. † *pa* Bayport  
 Rogers, C. † *e* 430 Lafayette  
 Rogers, D. † *pa* 30 W. 184  
 Rogers, E. † *e* 518 W. 150  
 Rogers, E. A. † *b* Brooks  
 Rogers, E. N. † *gr ed* 523 W. 121  
 Rogers, E. S. † *gr* 135 E. 52  
 Rogers, F. † *e*  
     Highland Park, New Rochelle  
 Rogers, F. W. *c*  
     21 Sycamore ave., Mt. Vernon  
 Rogers, G. D. † *e* Hotel Walton  
 Rogers, I. C. † *gr* 519 W. 121  
 Rogers, J. F. *c* 546 W. 114  
 Rogers, R. M. *c* 435 W. 117  
 Rogers, R. W. *e* 421 W. 118  
 Rogers, V. H. † *pa* 1361-52nd, Bklyn.  
 Rogers, W. *gr ed* 322 W. 140  
 Rogin, E. † *e* 1348 Clinton ave.  
 Rohades, L. † *e* 2205 Broadway  
 Rohan, M. † *pa* Furnald  
 Rohdenburg, E. L. *c* 230 E. 61  
 Rohman, S. *c* 70 McKibbin, Bklyn.  
 Rohr, F. M. † *gr* 416 W. 122  
 Rohrbach, E. † *pa* 507 W. 111  
 Rolf, I. P. *m* 710 Oakland Pl.  
 Rolfe, J. J. † *pa* Whittier  
 Roll, R. † *gr* 201 E. 82  
 Roller, G. H. *gr* 411 W. 115  
 Rollins, F. A. † *e* 3115 Broadway  
 Romaine, J. † *ed* Hackensack  
 Roman, A. A. † *e* 614 E. 9  
 Roman, L. † *pa* 35 W. 110  
 Rome, S. J. *l* 1031 Lorimer, Bklyn.  
 Romer, B. M. † *pa* 154-2nd ave., Newark  
 Romer, H. D. † *gr ed* 423 W. 120  
 Rona, L. *e* 51 W. 129  
 Ronan, W. † *e* 2 E. 128  
 Roney, S. *ph* Port Byron  
 Rood, E. C. † *pa* Whittier  
 Roohan, J. E. *e* 501 W. 121  
 Rooney, G. A. † *e* 244 W. 51  
 Rooney, G. O. † *e* 600 W. 183  
 Roose, G. † *pa* Whittier  
 Root, E. W. † *b* 151 W. 105  
 Root, L. A. † *e* 35 E. 62  
 Ros, F. M. † *e* 601 West End ave.  
 Rose, A. L. † *e* 435 W. 119  
 Rose, C. † *e* 545 W. 111  
 Rose, E. W. *e* 220 W. 42  
 Rose, F. H. *gr ed* 551 Manhattan ave.

- Rose, G. H. † *gr* 551 Manhattan ave.  
 Rose, H. L. † *e* 229 E. Main, Patchogue  
 Rose, L. C. † *pa* 36 Central Park S.  
 Rose, N. *c* 412 E. 79  
 Roseman, M. † *e* 552 W. 160  
 Rosen, A. *j* 25 Mescrole, Bklyn.  
 Rosen, A. T. *c* 2008 Hughes ave.  
 Rosen, B. † *e* 408 Audubon ave.  
 Rosen, B. *gr ed* 414 Stone ave., Bklyn.  
 Rosen, H. W. *c* 256 Vernon ave., Bklyn.  
 Rosen, I. T. *c* 29 Herbert, Bklyn.  
 Rosen, J. M. *c* 830 E. 170  
 Rosen, M. *ph* 1492 Crotona Pkwy.  
 Rosen, M. † *e* 132 W. 121  
 Rosenbaum, A. M. † *b* Brooks  
 Rosenbaum, G. *c* 1747 Park ave.  
 Rosenbaum, S. H. *c* 162 Christopher ave., Bklyn.  
 Rosenberg, G. *e* 88 Rivington  
 Rosenberg, G. J. *e* 210 W. 110  
 Rosenberg, H. *ph* 1361 S. Boulevard  
 Rosenberg, J. *ph*  
 Rosenberg, J. D. *l* 62 E. 83  
 Rosenberg, L. *e* 1932 Crotona Pkwy.  
 Rosenberg, M. Y. † *b* 57 E. 77  
 Rosenberg, R. W. *e* 147 W. 97  
 Rosenberg, S. J. *m* 571 Fox  
 Rosenberg, S. R. † *b* 75 Ft. Washington ave.  
 Rosenberger, C. *ph* 1506 Hoe ave.  
 Rosenberger, H. J. *c* 602 W. 157  
 Rosenblum, A. J. *e* 216 W. 100  
 Rosenblum, D. I. *c* 346 Bradford, Bklyn.  
 Rosenblum, H. B. *e* 514 W. 114  
 Rosenblum, I. *c* 514 W. 114  
 Rosenblum, M. *e* 49 Johnson ave., Bklyn.  
 Rosenblum, S. *ph* 1997 Seventh ave.  
 Rosenfeld, E. † *e* 54 Clinton Pl.  
 Rosenfeld, J. † *pa* 1043 Morris ave.  
 Rosenfeld, S. *c* 52 Leonard, Bklyn.  
 Rosenfeld, S. *c* 201 Clinton  
 Rosenholz, W. *c* 1851 Seventh ave.  
 Rosenman, D. *ph* 935 E. 180  
 Rosenman, M. † *e* 552 W. 160  
 Rosenqvist, E. B. *e* Produce Exchange Bldg.  
 Rosenquist, J. W. † *e* Blauvelt  
 Rosenson, A. S. *c* 146 Rodney, Bklyn.  
 Rosenson, L. S. † *e* 146 Rodney, Bklyn.  
 Rosenthal, A. *pa* 15 W. 112  
 Rosenthal, E. C. † *b* 151 W. 86  
 Rosenthal, H. † *e* 26 W. 90  
 Rosenthal, H. L. *c* 116 W. 72  
 Rosenthal, J. *gr* 33 W. 118  
 Rosenthal, M. J. *e* 100 W. 80  
 Rosenthal, O. N. *ph* 314 Keap, Bklyn.  
 Rosenthal, T. *c* 100 W. 121  
 Rosenstein, D. *gr* 85 Attorney  
 Rosenzweig, E. *ph* 92 Hudson, Hoboken  
 Rosenzweig, M. *c* 515 W. 187  
 Rosenzweig, M. *m* 163 Lenox ave.  
 Rosenzweig, M. † *e* 135 W. 123  
 Rosoff, L. H. *e* 1847 Victor  
 Ross, A. † *e* 72 E. 96  
 Ross, E. C. † *b* Brooks  
 Ross, F. E. *e* 818 E. 214  
 Ross, G. D. † *e* 420 W. 119  
 Ross, J. D. † *pa* Whittier  
 Ross, K. C. † *pa* Woodheath Farm, Mt. Kisco  
 Ross, L. D. *gr* 669 Gates ave., Bklyn.  
 Ross, M. A. † *pa* Whittier  
 Ross, M. E. *c* 669 Gates ave., Bklyn.  
 Ross, M. P. *l* 345 E. 26, Bklyn.  
 Ross, R. M. *c* 815 W. 180  
 Ross, S. F. † *ed* 130 Claremont ave.  
 Rosser, C. *e* 7 Mitchell Pl., E. Orange  
 Rossman, H. *ph* 91 Columbia  
 Roth, A. M. † *e* 134 W. 90  
 Roth, B. B. † *e* 163 E. 105  
 Roth, C. A. † *pa* 410 W. 115  
 Roth, E. † *e* 436 Ft. Washington ave.  
 Roth, S. *e* 1353 Clinton ave.  
 Rothbard, S. *c* 112 Peshine ave., Newark  
 Rothbarth, A. *e* 375 Park ave.  
 Rothenberg, R. J. † *pa* 538 W. 136  
 Rothgeb, G. W. *e* 101 W. 63  
 Rothman, A. *gr* Livingston  
 Rothman, L. M. *e* 124 E. 118  
 Rotholz, N. *e* 775 Jennings  
 Rothschild, J. *c* 145 W. 85  
 Rothschild, L. T. † *b* 306 W. 99  
 Rothschild, M. E. † *b* 145 W. 85  
 Rothstein, I. *e* 636 Union ave.  
 Rotkowitz, S. *c* 700 W. 178  
 Rovitti, R. † *ph* 2439 Hoffman  
 Rowan, M. A. † *e* 223 Academy, Jersey City  
 Rowe, A. L. † *pa* Whittier  
 Rowe, P. † *e* 593 Riverside Dr.  
 Rowell, M. L. † *b* 160 Claremont ave.  
 Rowell, V. E. † *e* Millers Place, L. I.  
 Rowland, H. E. † *e* 1604 University ave.  
 Royce, H. † *pa* Tenafly Rd., Englewood  
 Royer, L. M. † *e* 106 Morningside Dr.  
 Royter, C. H. *e* 188 St. Marks ave., Bklyn.

- Rozoff, B. *c*  
 Rubenstein, F. *† b* 183 Hooper, Bklyn.  
 Rubin, A. L. *e* 22 E. 93  
 Rubin, H. S. *m* 315 Broadway, Bayonne  
 Rubin, J. *m* 285 Grand  
 Rubin, M. H. *e* 22 E. 93  
 Rubin, S. P. *e* Hartley  
 Ruby, F. Jr. *ph* 321 E. 58  
 Ruddick, E. A. *† gr*  
 329 Prospect, Ridgewood  
 Ruddock, N. W. *† ed*  
 91 W. Palisade ave., Englewood  
 Rudnick, J. *l* 1393 Stebbins ave.  
 Rudy, D. *m* 213 Manhattan ave.  
 Ruess, E. *† e* 45 Wall  
 Ruff, B. C. *† b* 25 Bell, Belleville, N. J.  
 Ruffolo, H. *c* 1546 Longfellow ave.  
 Rugg, W. B. *gr ed*  
 113 Chestnut, E. Orange  
 Ruggiero, C. M. *e*  
 63 Columbus ave., Tuckahoe  
 Ruggiero, M. A. *e* 156 E. 115  
 Ruhl, A. G. *† gr*  
 34 Winthrop ave., New Rochelle  
 Ruhlman, E. M. *† e*  
 897 Lincoln Pl., Bklyn.  
 Rukeyser, W. A. *bu* Hartley  
 Rule, F. D. *† b* Brooks  
 Rulison, L. C. *† e* 926 Madison ave.  
 Rundle, L. *e* 794 West End ave.  
 Runnals, N. M. *† gr ed* 512 W. 123  
 Runnels, R. O. *gr ed* Maplewood, N. J.  
 Runyon, H. DeM. *† e* 420 W. 146  
 Rupert, A. I. *† pa* 106 Morningside Dr.  
 Ruppe, J. P. *c* 427 W. 47  
 Ruschke, E. W. *c* 73 Sixth ave., Bklyn.  
 Rush, C. E. *† e* 541 E. 78  
 Rusk, H. M. *† gr*  
 1478 Bedford ave., Bklyn.  
 Russakow, R. P. *c* 278 W. 113  
 Russe, F. E. *† gr ed* 504 W. 122  
 Russell, B. *c* 506 W. 147  
 Russell, E. S. *pa* Livingston  
 Russell, G. O. *gr* 620 W. 122  
 Russell, F. T. *† gr* 515 W. 121  
 Russell, H. H. *† pa* Whittier  
 Russell, J. E. Jr. *c* 558 W. 113  
 Russell, M. F. *† pa* Furnald  
 Russell, O. R. *† pa* 620 W. 122  
 Russell, R. *† pa* 321 W. 121  
 Russell, V. *† pa* Whittier  
 Russen, F. A. *ed*  
 59 Franklin ave., Hilton, N. J.
- Russmann, A. *e* 165 E. 87  
 Russo, C. C. *m* 102 Sullivan  
 Ruth, S. I. *† e* 445 Audubon ave.  
 Ruther, I. L. *e* 69 E. 106  
 Rutherford, E. E. *† gr ed*  
 1230 Amsterdam ave.  
 Rutledge, J. C. *gr* 535 W. 135  
 Rutstein, S. *m* 21 E. 119  
 Ryan, E. M. *† pa* 2110 Ellis ave.  
 Ryan, F. *† e* 24 E. 94  
 Ryan, J. J. *e* 136 W. 109  
 Ryan, K. F. *† e* 608 Jefferson ave., Bklyn.  
 Ryan, K. W. *† undl* 420 W. 116  
 Ryan, L. C. *† e* 143 W. 84  
 Ryan, S. S. *† ed* 1230 Amsterdam ave.  
 Ryder, J. *† ed*  
 Ryder, M. E. *† gr* 56 S. 11, Newark  
 Saacke, C. W. Jr. *c* 565 W. 118  
 Sable, L. B. *c* 104 E. Houston  
 Sacharoff, L. S. *m* 41 Graham ave., Bklyn.  
 Sachs, A. H. *c* 1804 Washington ave.  
 Sachs, L. K. *† e* 4612-15 ave., Bklyn.  
 Sachsse, D. *† e*  
 221 Highbrook ave., Pelham Heights  
 Sacken, A. H. *c* 466-15th, Bklyn.  
 Sacknoff, F. L. *ph* 24 E. 116  
 Sackheim, M. B. *e* 1615 University ave.  
 Sadler, O. T. *gr ed* 418 W. 118  
 Sadofsky, M. *ph* 1465 Fifth ave.  
 Sadowsky, C. R. *e* 535 West End ave.  
 Sadowsky, S. R. *c* 80 Seventh  
 Safert, F. V. *† e*  
 678 King ave., City Island  
 Safford, M. *† e* 17 E. 59  
 Safourtz, C. *c* 6 W. 112  
 Safier, I. *a* 1801 Crotona ave.  
 Safyan, L. *ph* 211 W. 144  
 Sage, A. D. *e*  
 130th & Third ave., 3rd Ave. R. R.  
 Sage, L. *† b* 131 E. 71  
 Sage, R. H. *c* Hartsdale  
 Sager, C. L. *l* 633 W. 115  
 Sager, W. *c* 142 Manhattan ave.  
 Saidla, L. *gr* 12 E. 88  
 Saiman, A. *ph* 239 Broome  
 St. John, B. *gr* 25 Madison ave.  
 St. Martin, C. *† pa* Whittier  
 Sakamoto, K. *† b* 524 W. 124  
 Sakamoto, Y. *gr* 106 Morningside Dr.  
 Sala, A. M. *m* 260 Melrose, Bklyn.  
 Saland, G. *c* 924 Prospect ave., Bklyn.  
 Saland, G. *† e* 2139 Daly ave.  
 Saland, G. *m* 2139 Daly ave.

Salant, H. C. † *e* 113 W. 122  
 Salazar, R. A. *c* 237 W. 52  
 Salembert, J. J. *e* 16 E. 47  
 Salerno, N. *ph* 3525 Barnes ave.  
 Saleson, M. † *e* 111 E. 7  
 Salinger, B. D. *c* 650 West End ave.  
 Salmon, L. J. A. *c* 540 W. 113  
 Salob, N. *ph* 748 Jackson ave.  
 Salom, R. † *e* 415 Ft. Washington ave.  
 Saltzberg, R. † *e* 1295 Fulton ave.  
 Salutsky, H. G. † *e* 1339 Teller ave.  
 Salzano, F. *e* 1336 Bay, Belair, S. I.  
 Salzberg, A. *m* 42 W. 129  
 Salzberg, L. *e* 4617 Fifteenth ave., Bklyn.  
 Salzedo, P. P. *c* 217 W. 139  
 Salzer, B. *e* 1 W. 85  
 Sampson, G. T. *e* 301 W. 150  
 Sampson, M. † *e* 543 W. 123  
 Samstag, K. † *e* 307 W. 81  
 Samuels, A. H. *e* 301 W. 108  
 Samuels, M. M. *e* 301 W. 108  
 Samuels, S. † *ph* 1670 Boston Rd.  
 Samuels, S. S. *gr* 1165 Sterling Pl., Bklyn.  
 Samuelson, A. E. † *e* 15 W. 123  
 Samuelson, N. H. *l* 736 Home  
 Samworth, R. P. *m* 346 W. 57  
 Sanborn, A. A. † *e* 468 Riverside Dr.  
 Sanborn, A. E. † *b* 468 Riverside Dr.  
 Sanborn, F. R. *c* 47 Brevoort Pl., Bklyn.  
 Sandal, C. K. † *gr* 138 Haven ave.  
 Sandblom, F. G. *c* Croton-on-Hudson  
 Sandeford, R. H. *a* Livingston  
 Sandel, A. W. *c* 268 St. Anns ave.  
 Sander, B. E. † *e* 600 W. 114  
 Sander, M. J. *e* 890 Eighth ave.  
 Sanders, M. *c* 315 W. 115  
 Sandler, A. *ph* 78 E. 108  
 Sandler, B. † *e* 26 Lenox ave.  
 Sandor, M. J. *e* 890 Eighth ave.  
 Sandroni, D. *m* 227 E. 45  
 Sands, H. C. *undl* 250 W. 78  
 Sands, I. J. *e* Manhattan State Hospital  
 Sandusky, M. M. *e* 1835 Seventh ave.  
 Sanford, A. L. † *e* 252 N. Fulton ave., Mt. Vernon  
 Sanger, E. M. *e* 905 West End ave.  
 Sangster, F. *gr ed* 17 Hamilton ave., Ossining  
 Sansbury, M. O. † *e* 1710 Palmetto, Bklyn.  
 Sansbury, M. O. *gr* 1710 Palmetto, Bklyn.  
 Santa Maria, F. C. *ph* 166 President, Bklyn.

Santelli, C. R. † *b* 676 Second ave., Long Island City  
 Santibanez, A. *e* 170 W. 77  
 Santini, C. N. *e* 600 W. 140  
 Sapinsky, J. *e* Hotel Wellington  
 Sapiro, D. *e* 2251-83rd, Bklyn.  
 Sarafian, A. A. † *pa* 376 Warburton ave., Yonkers  
 Sargeant, E. C. *e* 1400 University ave.  
 Sarlin, C. N. *c* 3 Whitney ave., Elmhurst  
 Sarson, R. S. † *e* 872 S. 16, Newark  
 Sartorius, B. † *b* 2 W. 86  
 Satriale, G. A. *ph* 344 E. 120  
 Sattler, I. † *e* 306 W. 102  
 Sato, H. *gr* 71 W. 23  
 Sauer, R. † *e* 607 W. 116  
 Saul, D. I. † *e* 429 Ninth ave., Astoria  
 Saul, L. J. *c* 21 W. 113  
 Saulpaugh, L. *m* 1023 Grand Concourse  
 Saunders, A. † *gr ed* 417 W. 120  
 Saunders, H. † *b* 251 W. 122  
 Saunders, M. † *e* 124 W. 12  
 Saunders, S. J. † *gr* 552 Riverside Dr.  
 Saunders, W. E. *gr ed* 600 W. 122  
 Savage, A. H. † *e* 450 Riverside Dr.  
 Savage, H. D. † *e* 450 Riverside Dr.  
 Savage, M. *gr* 1051 Eastern Pkwy., Bklyn.  
 Savery, E. B. *pa* 425 S. 21, Irvington, N. J.  
 Sawyer, H. † *gr ed* Furnald  
 Saxe, A. *e* 1025 E. 167  
 Saxen, B. H. *e* 969 Hoe ave.  
 Saxl, N. T. *m* 244 E. 72  
 Saxman, E. J. † *pa* Furnald  
 Sayers, M. G. † *e* 115 Broad, Newark  
 Sayford, M. E. † *b* 353 W. 117  
 Sbarboro, F. L. *e* Palisade ave., Fort Lee  
 Scafati, J. *c* 481 Park ave., Bklyn.  
 Scalisi, A. J. *c* 38 Grand  
 Scancarello, C. † *b* 104½ Amity, Flushing  
 Scanlan, J. M. † *pa* 861 Crotona Pk. N.  
 Scardaccione, A. A. *m* 669 E. 183  
 Scarritt, E. G. A. *c* 385 Hillside Pl., S. Orange  
 Schaaf, G. P. † *b* 1001 Clay ave.  
 Schaaf, W. L. *c* 1913 Bogart ave.  
 Schaaphaus, P. *e* 126 W. 80  
 Schachtel, E. † *e* 911 Summit ave.  
 Schachtel, V. R. *c* 435 W. 117  
 Schachter, S. *c* 430 Grand  
 Schacter, H. W. *e* 8 W. 114  
 Schaedle, T. G. *c* 633 W. 115  
 Schaeffer, F. L. † *b* 146 Hutton, Jersey City

- Schafer, W. S. † *undl* 25 W. 85  
 Schaffer, H. M. *c* Livingston  
 Schaffer, I. S. † *gr* 74 Dupont, Bklyn.  
 Schain, S. † *pa* Whittier  
 Schaller, E. A. † *e* 1597 Broadway  
 Schamus, J. B. *gr ed* 2493 Valentine ave.  
 Schang, F. M. † *pa* 230 W. 105  
 Schanke, M. J. *e* 416 W. 122  
 Schanke, W. G. *c* 416 W. 122  
 Schapiro, C. † *e* 360 Wadsworth ave.  
 Schapiro, F. *e* 821 E. 166  
 Schapiro, M. L. † *pa* 510 W. 124  
 Schar, M. *ph* 375 Pleasant ave.  
 Schaus, V. P. *e* 754 Jackson ave.  
 Schawaroch, J. T. *pa*  
 9 Medina Pl., Elmhurst  
 Schein, A. L. *ph* 543 E. 171  
 Schein, L. *ph* 543 E. 171  
 Schein, M. *e* 941 E. 112  
 Schellhase, E. A. † *b* 322 E. 15  
 Schelly, R. P. *gr*  
 Schenbaum, M. *e* 1801 Union, Bklyn.  
 Schenck, C. A. † *b* 2114 Daly ave.  
 Schenck, C. F. *mec*  
 904 W. Front, Plainfield  
 Schenck, W. R. *gr*  
 Rocky Hill Road, Bayside  
 Scherer, N. K. *c* 79-81st Lewis  
 Scherff, G. *e* 339 Ocean View ave.  
 Scherline, B. † *b* 100 W. 121  
 Scherma, A. *e* 165 Bleecker  
 Schermaun, B. A. *m* 955 Prospect ave.  
 Schermeyer, H. R. *e*  
 Camp No. 44 Higgs Beach, Clason Point  
 Scherrer, I. M. † *e* L. I. College Hospital  
 Scherzinger, M. L. † *e* 3162 Decatur ave.  
 Scheuring, J. *e* 156 W. 106  
 Scheutzow, G. A. *c* 540 W. 113  
 Schiff, E. † *b* 41 W. 83  
 Schiff, I. *c* 355 West End ave.  
 Schiff, L. *c* 355 West End ave.  
 Schill, A. H. † *e*  
 31 Thirteenth ave., Newark  
 Schiller, P. *ph* 602 E. 138  
 Schilpp, P. A. *gr*  
 Drew Theol. Seminary, Madison, N. J.  
 Schilt, V. *c* Port Chester  
 Schimmenti, J. M. *c*  
 1050 Bedford Ave., Bklyn.  
 Schindler, H. *c* 730 Riverside Dr.  
 Schissler, G. C. † *e* 362 Riverside Dr.  
 Schlauch, M. † *b* Hasbrouck Heights., N. J.  
 Schleiter, F. *gr* 800 E. 173  
 Schlesinger, D. *c* 710 West End ave.  
 Schlessel, L. *c* 334 Hopkinson ave., Bklyn.  
 Schlessinger, E. I. *c* 435 Convent ave.  
 Schlichting, J. F. *c*  
 517 Throop ave., Bklyn.  
 Schloss, M. † *ed* 156 W. 75  
 Schlumbohn, H. F. *e* 537 W. 144  
 Schluter, W. C. *gr* 523 W. 123  
 Schmalzried, E. L. *m*  
 1206 Park ave., Hoboken  
 Schmerer, M. *ph* 276 Ave. A  
 Schmidt, A. E. † *b* 740 Riverside Dr.  
 Schmidt, E. † *pa* 440 E. 26  
 Schmidt, H. H. *ph* 612 Hudson, Hoboken  
 Schmidt, N. W. † *b* Spring Valley  
 Schmitt, R. L. *m* 35 W. 84  
 Schmitt, J. F. *c* 1611 First ave.  
 Schneeloch, M. *e* 520 Smith, W. Hoboken  
 Schneeweiss, A. J. *gr* 501 W. 121  
 Schneeweiss, E. † *e* 55 Central Park West  
 Schneeweiss, L. † *pa* 501 W. 121  
 Schneidan, I. H. † *pa* 537 W. 121  
 Schneider, A. A. *c* 515 W. 122  
 Schneider, C. *gr* 12 W. 115  
 Schneider, E. *e* c/o N. Y. Tel. Co., 15 Dey  
 Schneider, H. *m* 291 Henry  
 Schneider, J. *m* 531 W. 143  
 Schneider, M. C. † *e* 349 W. 22  
 Schneider, S. G. *ph*  
 635 Palisade ave., W. New York  
 Schnitman, H. *ph* 425 Stone ave., Bklyn.  
 Schoder, E. C. † *pa* 2438 Morris ave.  
 Schoedler, G. H. † *b* 249 W. 107  
 Schoeffel, C. *e* 63 N. 3, Patterson  
 Schoemer, J. *e* 600 W. 113  
 Schoen, L. A. *e*  
 654 Eastern Pkwy., Bklyn.  
 Schoenbrod, E. J. *c* 570 W. 189  
 Schoenfeld, E. *e* 143 E. 97  
 Schoening, F. C. *pa* 512 W. 132  
 Schoenzeit, E. *l* 163 Rodney, Bklyn.  
 Scholz, F. W. *e* 221 McLean ave., Yonkers  
 Scholz, M. A. † *pa* 3202 Third ave., Bronx  
 Schooley, B. *e* 79 Post ave.  
 Schooley, M. M. † *e* 507 W. 121  
 Schoolman, A. P. *gr ed* 952 Kelly  
 Schoonmaker, L. † *e* 47 W. 44  
 Schoonover, F. S. *m* 3 E. 45  
 Schopp, J. † *pa* 2418 University ave.  
 Shore, L. *ph* 226 E. 13  
 Schorling, R. *gr ed* 414 W. 121  
 Schorr, A. *c* 170 Orchard

- Schorsch, N. *c* 38 W. 97  
 Schotland, J. H. *gr* 36 Stuyvesant  
 Schrage, A. W. *e* 98 Ralph ave., Bklyn.  
 Schragenheim, B. *† gr ed* 184 Leonia ave., Leonia  
 Schram, E. T. *† pa* 183 Saratoga ave., Yonkers  
 Schreyer, F. R. *a* 459 W. 123  
 Schrier, H. *c* 361 Clifton Place, Bklyn.  
 Schroder, A. D. *† e* 420 W. 121  
 Schroff, J. *m* 66 Ave. C  
 Schubert, B. S. *gr ed* 1647-42nd, Bklyn.  
 Schubert, J. H. *e* 406-48th, Bklyn.  
 Schuck, E. R. *† e* 2328 University ave.  
 Schulein, L. *† e* 255 W. 90  
 Schulman, H. *pa* 826 Ritter Pl.  
 Schulman, J. J. *l* 1450-49th, Bklyn.  
 Schulman, S. *† b* 213 Penn, Bklyn.  
 Schulman, W. H. *c* 55 E. 92  
 Schulte, H. A. *m* 537 W. 59  
 Schultheis, E. *e* 370 Convent ave.  
 Schultz, A. M. *gr ed* Leonia  
 Schultz, H. *gr* 86 Madison  
 Schultz, J. *e* 701 S. 11, Newark  
 Schultz, L. *ph* 234 E. 98  
 Schuman, C. B. *pa*  
 Schuman, G. A. *ph* 337 Washington, Jamaica  
 Schupper, C. *gr ed* 122 Graham ave., Bklyn.  
 Schürmann, M. C. L. *† e* 1207 Lexington ave.  
 Schussheim, M. *gr* 746 E. 6  
 Schuster, M. *† b* 438 W. 164  
 Schutt, F. A. *† ed* Norwood, N. J.  
 Schutz, B. C. *† gr* 501 W. 121  
 Schuwann, E. P. *† b* Brooks  
 Schuyler, M. Van R. *† e* 'Riverhook', Nyack  
 Schuyler-Walden, C. *† e* 59 Livingston, Bklyn.  
 Schwab, A. Y. *† b* 549 W. 113  
 Schwab, V. O. *e* 90 West  
 Schwalbach, M. B. *† e* 1844-82nd, Bklyn.  
 Schwanda, C. B. *c* N. Meyers ave., Winfield Jct. L. I.  
 Schwaninger, G. A. *e* 360 E. 195  
 Schwartz, B. *† pa* 501 W. 121  
 Schwartz, B. *e* 261-7th  
 Schwartz, B. H. *† e* 158 W. 98  
 Schwartz, E. *† b* 151 Central Park West  
 Schwartz, E. M. *e* 811 Army Bldg.  
 Schwartz, H. W. *e* 970 Union ave.  
 Schwartz, H. *e* 740 West End ave.  
 Schwartz, J. *ph* 60 E. 117  
 Schwartz, J. D. *gr* Hartley  
 Schwartz, L. S. *l* 332 E. 58  
 Schwartz, M. M. *ph* 155 Ridge  
 Schwartz, N. *c* 375 West End ave.  
 Schwartz, N. L. *e* 386 Grand  
 Schwartz, R. A. *† e* 151 Central Park West  
 Schwartz, S. P. *c* 250 E. 30  
 Schwarz, A. D. *c* Hartley  
 Schwarz, B. H. *e* 158 W. 98  
 Schwarz, H. M. *c* 278 Ellison, Paterson  
 Schwarz, M. L. *† pa* 308 Getty ave., Paterson  
 Schwarz, S. M. *† e* 26 W. 70  
 Schwarz, S. S. *† e* 26 W. 70  
 Schweitzer, D. J. *gr* 32 W. 115  
 Schwetsky, S. H. *c* 629 W. 170  
 Scimeca, A. A. *c* 80 E. Houston  
 Scimeca, F. S. *c* 80 E. Houston  
 Scofield, E. C. *† pa* 523 W. 121  
 Scott, A. *pa* 172 Clinton Pl. Hackensack  
 Scott, A. C. *† ed* Englewood  
 Scott, C. A. *† gr ed* 188 Wadsworth ave.  
 Scott, E. *† e* 1245 Park ave.  
 Scott, E. K. *† e* 138 Hamilton ave., Passaic  
 Scott, F. M. *pa* Whittier  
 Scott, G. A. *† pa* 106 Morningside Dr.  
 Scott, J. R. *m* 320 New York ave., Bklyn.  
 Scott, J. W. *e* Braden Cooper Co., 120 Broadway  
 Scott, M. *† e* 201 Valentine Lane, Yonkers  
 Scott, P. B. *c* 1245 Park ave.  
 Scott, R. D. *e* 470 W. 159  
 Scudder, A. Q. *† e* 510 Parker, Newark  
 Scudder, A. R. *† e* 201 Mt. Pleasant ave., Newark  
 Scudder, E. D. *† e* 106 Morningside Dr.  
 Scudder, R. L. *† gr ed* 430 W. 119  
 Scull, A. B. *† e* Whittier  
 Seal, H. C. *gr* Livingston  
 Sealy, D. F. *c* 173 W. 81  
 Seaman, J. A. *m* West Creek, N. J.  
 Seaman, W. A. *ph*  
 Searing, H. C. *† ed* Dover, N. J.  
 Searle, C. P. *† gr* 414 W. 121  
 Searle, E. M. *ph* 29 First ave., Franklinville  
 Sears, C. H. *e* 720 W. 181  
 Searson, J. W. *gr ed* 434 W. 120  
 Secor, L. F. *† e* 127 Matilda Terr., Long Branch  
 Secor, M. *† e* 521 W. 122

- Sector, F. † *pa* Whittier  
 Sedlineck, J. A. *ph* 162 N. 4, Paterson  
 See, C. S. *gr* Hartley  
 Seed, L. † *uncl* Furnald  
 Seed, L. B. † *e* Furnald  
 Seeley, J. † *b* 247 Lafayette ave., Grantwood  
 Seeley, R. C. *c* 19 King  
 Seelig, E. R. † *e* Woodmere  
 Seeman, K. † *e* 264 Riverside Dr.  
 Sees, W. J. *e* 676 Ave. A., Bayonne  
 Segal, B. *m* 1815 Crotona ave.  
 Segal, P. M. *c* 300 Johnson ave., Newark  
 Segeler, C. G. *c* 284 E. 16, Bklyn.  
 Seidenberg, H. *e* 102 Convent ave.  
 Seidenspinner, A. *e* 1218-52nd, Bklyn.  
 Seidensticker, C. † *uncl* 65 Montrose ave., S. Orange  
 Seidlin, D. † *e* 173 Chauncey, Bklyn.  
 Seidlin, J. *gr* 84 W. 119  
 Seidman, E. A. *m* 334 W. 56  
 Seidman, H. M. † *b* Furnald  
 Seidman, H. W. *m* 334 W. 56  
 Seiferd, J. M. † *e* 320 E. 86  
 Seifert, F. V. † *e* 678 King ave., City Is.  
 Seigrist, L. K. † *pa* Whittier  
 Seinfeld, S. *ph* 60 E. 3  
 Seisel, L. C. † *pa* Whittier  
 Sel, B. † *pa* 54 Brookfield ave., Nutley, N. J.  
 Seldowitz, M. *m* 600 Fifth ave., Bklyn.  
 Selig, L. † *e* 414 W. 120  
 Selig, S. *c* 237 W. 126  
 Seligman, H. *ph* 169 E. 101  
 Seligman, S. † *e* 315 W. 113  
 Seligson, S. A. *e* 61 E. 118  
 Selman, F. † *gr* 231 Rutledge, Bklyn.  
 Seloff, I. L. *ph* 86 E. 4  
 Seltzer, S. C. *c* 100 W. 143  
 Selverne, M. M. *e* 35 W. 48  
 Semel, L. B. *c* 520 E. 5  
 Senecoff, I. H. *c* 463 W. 52  
 Seneker, J. S. *gr ed* 600 W. 122  
 Senior, E. † *e* 417 Riverside Dr.  
 Senior, M. † *j* 417 Riverside Dr.  
 Senn, M. E. † *e* 87 S. Broadway, Yonkers  
 Sens, L. † *b* 635 Riverside Dr.  
 Serafino, F. *c* 135 Liberty  
 Serber, E. † *e* 547 W. 123  
 Sergeant, N. B. † *e* 503 W. 121  
 Serino, Y. *uncl* 600 W. 122  
 Serman, M. † *e* 1226 Evergreen ave.  
 Serman, R. R. † *e* 1226 Evergreen ave.  
 Serra, F. *c* 599 Boulevard, Long Island City  
 Sessarsky, D. M. *ph*  
 Sesta, J. *m* 82 Vroom, Jersey City  
 Setna, J. *e* 517 W. 144  
 Settle, F. A. *e* 56 Mapes ave., Newark  
 Setzler, W. E. *c* 113 S. Broadway, White Plains  
 Sexton, C. G. † *b* Brooks  
 Sexton, J. A. *ph*  
 Seymour, H. W. † *e* 422 W. 119  
 Shachtel, E. † *e* 911 Summit ave.  
 Shafer, E. W. *gr ed* Mamaroneck  
 Shafer, G. L. † *pa* Whittier  
 Shafer, K. A. † *b* 790 Riverside Dr.  
 Shafer, M. S. † *pa* 439 W. 123  
 Shafer, T. G. *c* 520 W. 122  
 Shaffer, B. E. † *gr ed* 416 W. 122  
 Shaffer, R. L. *gr ed* Atlantic Highlands  
 Shaler, F. S. † *uncl* 509 W. 121  
 Shalling, R. L. † *e* 152 W. 129  
 Shalom, I. A. *c* 76 E. 115  
 Shand, A. B. † *e* 605 W. 113  
 Shank, D. M. † *pa*  
 Shanks, A. J. † *e* 1230 Amsterdam ave.  
 Shanks, S. C. † *pa* 49 W. 44  
 Shanley, H. S. † *b* Furnald  
 Shannon, M. L. † *e* Furnald  
 Shapinsky, S. *m* 148 S. 3, Bklyn.  
 Shapiro, D. † *e* 524 W. 160  
 Shapiro, J. *bu* Hartley  
 Shapiro, L. *c* 31 Pike  
 Shapiro, N. *c* 790 Riverside Dr.  
 Shapiro, N. S. *c* 68 McKibben, Bklyn.  
 Shapiro, S. B. † *e* 16 E. 97  
 Sharfin, A. *ph* 1462 Fifth ave.  
 Sharlett, M. *gr ed* Pleasantville  
 Sharot, M. E. † *gr ed* 1346 Pacific, Bklyn.  
 Sharpe, C. † *j* 417 W. 118  
 Sharretts, M. † *pa* 418 W. 118  
 Shattuck, C. B. H. *l* 160 Clinton, Bklyn.  
 Shattuck, M. B. † *pa* 735 Washington ave., Bklyn.  
 Shavelson, A. N. *ph* 2608 Tilden ave.  
 Shaver, E. L. † *gr ed* 600 W. 122  
 Shaw, B. E. † *pa* 117 Sherman ave.  
 Shaw, C. E. *c* 540 W. 113  
 Shaw, D. *ph* 345 Third ave.  
 Shaw, D. *ph* 554 Sackman, Bklyn.  
 Shaw, E. A. *m* 336 W. 58  
 Shaw, F. *gr ed* 619 W. 135  
 Shaw, F. L. *gr ed* 124 Pierrepont, Bklyn.  
 Shaw, M. J. † *j* Furnald



She, S. T. *e* West Side Y. M. C. A.  
 Shea, C. M. *† gr ed* 100 Morningside Dr.  
 Shea, E. H. *me* 627 W. 115  
 Shea, J. *e* 469 Walnut, Elizabeth  
 Shea, J. F. *m* West Side, Y. M. C. A.  
 Shea, T. E. *m* 106 Morningside Dr.  
 Shear, R. E. *† e* Hotel Ansonia  
 Shearer, C. *† e* 4 W. 92  
 Shedd, S. J. *† pa* 37 E. 71  
 Shedrowitz, J. *gr ed*  
 151 Jersey, New Brighton  
 Sheerer, R. C. *† pa* 400 W. 118  
 Sheerin, C. W. *c* 843 West End ave.  
 Sheerin, M. E. *† pa* 843 West End ave.  
 Sheets, G. *† b* Furnald  
 Shefkowitz, H. D. *e* 237 E. Broadway  
 Sheinberg, B. *† e* 42 Gramercy Park  
 Sheldon, A. G. *† e* 4 E. 89  
 Sheldon, E. L. W. *† e* 452 W. 149  
 Sheldon, K. G. *† pa* Whittier  
 Shelley, R. *c* 1284 St. Johns Pl., Bklyn.  
 Shelley, R. E. *ph* 81 Spring, Ossining  
 Shelley, S. F. *† bu* Furnald  
 Shelp, B. B. *† e* 316 W. 72  
 Shelvin, B. *e* P. O. Box 540  
 Shepard, L. A. *m* 321 E. 42  
 Shepard, M. *† e* 65 W. 95  
 Shepard, R. F. *l* 39 N. 14, Newark  
 Shepherd, F. S. *gr ed* Passaic  
 Shepherd, G. *† e* 57 Harman, Bklyn.  
 Shephard, M. S. *† ed* 509 W. 121  
 Sheppard, E. E. *† pa*  
 112 Union, Hackensack  
 Sheppard, F. F. *e* 1 Lawrence, Yonkers  
 Sheppard, T. T. *m* 346 W. 57  
 Shepperson, H. M. *† e* 11 W. 9  
 Sher, D. S. *ph* 1344 Park ave.  
 Sher, R. F. *† e* 402 W. 145  
 Sheranian, H. *m* 126 W. 63  
 Sherburne, J. II. *m* 437 W. 59  
 Sheretz, D. L. *gr ed* 541 Lexington ave.  
 Sherman, A. M. *† ed*  
 137 Park ave., Mt. Vernon  
 Sherman, D. L. *e* 1053 Prospect ave.  
 Sherman, I. *e* 1466-49th, Bklyn.  
 Sherman, J. T. *c* 149 W. 90  
 Sherman, L. *c* 935 Myrtle ave., Bklyn.  
 Sherman, L. *† e* 261 Hudson  
 Sherman, M. W. *† pa* 1006 Trinity ave.  
 Sherman, S. *c* 23 Boerum, Bklyn.  
 Sherman, S. *ph* 36 Gouverneur  
 Sherman, S. K. *† e*  
 404 Palisade ave., Yonkers

Sherpick, E. A. *l* 704 Chauncey, Bklyn.  
 Sherry, W. J. *e* 651 E. 239  
 Sherwin, A. *† e* 106 Morningside Dr.  
 Sherwin, J. *c* 945 E. 163  
 Sherwin, K. I. *† pa* Valhalla  
 Sherwin, S. A. *c* 945 E. 163  
 Sherwood, E. H. *† e*  
 251 Ft. Washington ave.  
 Sherwood, E. L. *† e*  
 68 Valentine, Mt. Vernon  
 Sherwood, M. J. *pa* 524 W. 122  
 Sherwood, M. M. *† gr* 21 W. 93  
 Shevell, S. *† e* 720 Riverside Dr.  
 Shevit, N. H. *bu* 516 W. 179  
 Shideler, J. E. *bu* Hartley  
 Shiefel, H. H. *† uncl* 36 E. 60  
 Shields, E. C. *† pa* 315 E. 163  
 Shields, F. V. *† e* 500 W. 149  
 Shields, J. W. *gr ed* 135 Ainslie, Bklyn.  
 Shigo, A. *† pa* 1230 Amsterdam ave.  
 Shigon, A. *ph* 475 E. 145  
 Shigon, H. *ph* 475 E. 145  
 Shine, F. *† ed* Oradell, N. J.  
 Shine, H. *† b* 523 W. 123  
 Shiomi, K. *uncl* 17 E. 83  
 Shipman, D. *† pa* 20 W. 128  
 Shire, H. M. *† b* Woodmere  
 Shirk, D. A. *c*  
 16 Prospect Park S. W., Bklyn.  
 Shirley, G. L. *pa* 527 W. 123  
 Shirley, J. L. R. *† uncl* 527 W. 123  
 Shirley, M. *† e* 247-73rd, Bklyn.  
 Shlevin, E. L. *m* 161 N. 6, Bklyn.  
 Sholodowsky, M. *e* 269 Chester, Bklyn.  
 Shoemaker, J. H. *gr ed* 540 W. 122  
 Shoenegan, J. Jr. *e* 51 Terry  
 Shofner, E. I. *† pa* 546 W. 124  
 Sholem, L. *† e* 530 West End ave.  
 Shoop, C. W. *gr ed* 132 W. 109  
 Shoor, W. K. *c* Hartley  
 Shorr, P. *c* 386 Georgia ave., Bklyn.  
 Short, J. B. *† gr ed*  
 Short, L. *† gr* 135 E. 52  
 Shott, V. R. *† ed*  
 Leake and Watts School, Yonkers  
 Shotwell, M. L. *† e* 520 W. 114  
 Shrifte, E. *† b* 1950 Washington ave.  
 Shrikuroglou, A. *m* 1402 Lexington ave.  
 Shuford, L. S. *e* 845 West End ave.  
 Shufro, S. *e* 677 Beck  
 Shulanski, R. *e* 212 W. 104  
 Shulman, H. *l* Hartley  
 Shuloff, E. *l* 182 Manhattan ave., Bklyn.

- Shumaker, M. R. *† gr* 420 W. 118  
 Shurupoff, M. *† e* 52 Cathedral Pkwy.  
 Shuttleworth, E. *† e* Furnald  
 Shutts, A. L. *e* 505 W. 112  
 Sibley, H. N. *c* 540 W. 113  
 Sica, A. F. *ph* 193 Bleecker  
 Siclar, A. *† b* 466 W. 151  
 Sidell, E. *† e* 563 W. 185  
 Sidenberg, K. S. *† e* 45 E. 49  
 Sidorsky, G. *e* 1528 Bryant ave.  
 Siegbert, B. M. *† b* 137 Riverside Dr.  
 Siegel, B. *m* 207 E. 15  
 Siegel, H. *ph*  
 89 Park ave., Town of Union, N. J.  
 Siegel, M. *gr* 203 W. 113  
 Siegel, M. D. *† e* 12 W. 90  
 Siegel, S. *e* 316 E. 198  
 Siegel, S. *† e* 316 E. 198  
 Siegel, S. *e* 207 W. 110  
 Siegelman, E. B. *ph* 302 E. 79  
 Siegler, J. *m* 233 Newark ave., Jersey City  
 Siegler, S. G. *e*  
 233 Newark ave., Jersey City  
 Siegrist, M. *† e* 106 Morningside Dr.  
 Siems, E. R. *† b* 64 W. 4, Mt. Vernon  
 Siever, W. N. *† pa* Furnald  
 Siff, M. S. *e* 1855 Seventh ave.  
 Sigel, H. M. *c* Livingston  
 Sigfusson, R. S. *† e* 521 W. 111  
 Siglar, G. E. *† pa* 527 W. 121  
 Sigmond, R. O. *gr*  
 1621 Castleton ave., Port Richmond  
 Silberblatt, T. *c* 616 W. 114  
 Silberkraus, R. *c* 508 E. 86  
 Silbersweig, I. *c* 62 Sumner ave.  
 Silbert, D. *† b* Brooks  
 Silkman, E. C. *† e* 53 W. 48  
 Siller, L. M. *ph* 72 Broadway, Kingston  
 Sillo, B. E. *† e* 353 W. 57  
 Silver, E. *† b*  
 149 Prospect Park S. W., Bklyn.  
 Silver, H. *m* 342 W. 57  
 Silver, L. S. *e* Hartford, Conn.  
 Silver, M. *e* 995 Simpson  
 Silver, M. B. *† e* 103 W. 72  
 Silverberg, S. J. *m* 437 W. 59  
 Silverberg, W. V. *m* 120 W. 86  
 Silverman, A. *† e* 45 E. 75  
 Silverman, G. *c* 445 Riverside Dr.  
 Silverman, G. M. *ph*  
 704 Georgia ave., Bklyn.  
 Silverstein, S. *l* Hartley  
 Silverstein, S. W. *e* Livingston
- Silverstone, A. J. *c* 131 Bristol, Bklyn.  
 Silverton, A. *e* Livingston  
 Simberg, A. J. *e* 1421 Prospect ave.  
 Simboli, C. *gr* 237 E. 104  
 Sime, M. H. *† pa* Whittier  
 Simerman, I. *c* 1030 Hoe ave.  
 Simmers, M. *† e* Whittier  
 Simmons, A. *† e* 77 E. 114  
 Simmons, C. C. *c* 167 Joralemon, Bklyn.  
 Simmons, E. B. *ph*  
 Simmons, E. M. *† e*  
 33 Waldo Pl., Englewood  
 Simmons, H. S. *gr ed* 3100 Broadway  
 Simmons, J. W. *gr ed* 212 W. 108  
 Simmons, M. V. *† e* 900 Summit ave.  
 Simmons, R. *† e* 2138 Westchester ave.  
 Simmons, S. S. *† gr ed* Whittier  
 Simon, C., Jr. *e* 594 Broadway, Paterson  
 Simon, D. *† e* 680 West End ave.  
 Simon, J. E. *† e* 435 W. 119  
 Simon, E. K. *bu* 148 E. 65  
 Simon, E. W. *† e* 601 W. 113  
 Simon, R. A. *j* 57 W. 89  
 Simon, R. L. *c* 53 W. 89  
 Simonet, J. *ph* 34 W. 64  
 Simoni, C. C. *m* 319 W. 95  
 Simons, B. R. *† b* 302 W. 87  
 Simons, E. J. *† e* 180 W. 88  
 Simons, H. L. *gr* 115 W. 118  
 Simonson, E. M. *c* 325 W. 108  
 Simpson, A. B. *† e* 667 E. 163  
 Simpson, A. L. *† e*  
 96 Hillcrest ave., Yonkers  
 Simpson, B. R. *m*  
 476 E. Parkway, Bklyn.  
 Simpson, D. M. *† pa* 106 Morningside Dr.  
 Simpson, E. M. *† e* 600 W. 192  
 Sims, M. M. *† pa*  
 13 Mt. View Pl., Montclair, N. J.  
 Sinai, D. E. *† e* 316 W. 93  
 Sinclair, J. C. *e* 590 W. 172  
 Sinclair, J. E. *gr ed* 62 Taylor, Newark  
 Sinclair, J. S. *c* 1291 Dean, Bklyn.  
 Sinclair, M. P. *† e* 590 W. 172  
 Sinclair, P. L. *† ed* Whittier  
 Sinclair, R. S. *† pa* Whittier  
 Sinclair, W. S. *c* 565 W. 113  
 Sing, B. A. *† pa* Whittier  
 Singer, A. *† pa* 1391 Madison ave.  
 Singer, C. *† gr ed* 630 Park ave.  
 Singer, H. G. *c* 112 Hopkins, Bklyn.  
 Singer, I. *c* 62 E. 87  
 Singer, I. N. *l* 1391 Madison ave.

Singer, J. B. *c* 611 W. 114  
 Singer, K. H. *† gr*  
 749 Kearny ave., Arlington, N. J.  
 Singer, R. *c* 730 Prospect ave.  
 Sinnigen, G. J. *† b* 599 Bainbridge, Bklyn.  
 Sinzheimer, H. D. *† j* 270 Park ave.  
 Sinzheimer, J. L. *† pa* 509 W. 110  
 Sipp, M. L. *† pa* Whittier  
 Siraganian, D. *e* 115 E. 24  
 Siragusa, V. R. *m* 284 Elizabeth  
 Sirginson, E. *† pa* 519 W. 121  
 Sirullo, W. V. *ph* 2405 Crotona ave.  
 Sites, C. M. L. *gr ed* 509 W. 122  
 Sites, E. W. *† gr ed* 509 W. 122  
 Siviglio, J. *e* 639 Leland ave.  
 Skidmore, E. L. *m* 571 W. 175  
 Skinner, G. E. *† gr ed*  
 167 Joralemon, Bklyn.  
 Skinner, T. B. *† b* Brooks  
 Skipp, F. D. *† e*  
 Forest Hills Inn, Forest Hills  
 Sklow, J. *ph* 284 Market, Newark  
 Skolfield, M. *m* 222 W. 70  
 Slack, F. R. *† ed* Mineola  
 Slafkes, M. *c* 945 E. 181  
 Slayton, F. E. *† ed*  
 219 North ave., W. Cranford  
 Slee, M. A. *† e* 2465 Broadway  
 Sloan, L. H. *gr* 552 Riverside Dr.  
 Sloat, A. *c* 851 Whitlock ave.  
 Slocum, A. *† e* 359 N. Main, Port Chester  
 Slocum, H. L. *† b* 607 W. 116  
 Slote, R. *† e* 1025 E. 10, Bklyn.  
 Sluth, E. *† b* 577 E. 8, Bklyn.  
 Sluyter, W. *e* 534 E. 25, Paterson  
 Small, C. M. *ed* 1158-50th, Bklyn.  
 Small, D. *† b* 99 Claremont ave.  
 Small, F. R. *e* 1111 North, Newburgh  
 Small, G. K. *c* 301 E. 207  
 Small, K. W. *† b* 301 E. 207  
 Small, M. N. *e* 327 W. 52  
 Small, M. T. *† gr ed* 79 Washington Pl.  
 Smalley, D. D. *e* 610 W. 116  
 Smalls, A. J. *ph* 94 Hamilton Pl.  
 Smallwood, F. E. *† pa*  
 Smart, L. *e* 11 W. 9  
 Smellie, A. B. *e* 36 Briggs ave., Yonkers  
 Smith, A. T. *ed* 106 Morningside Dr.  
 Smith, A. C. *† gr ed* Huntington  
 Smith, A. I. *† gr ed* 106 Morningside Dr.  
 Smith, A. M. *† gr ed* Hotel Monterey  
 Smith, A. M. *† gr*  
 61 Tremont, Bloomfield, N. J.

Smith, A. N. *e* 100 E. 83  
 Smith, A. R. *c* 104 Prospect Pl., Bklyn.  
 Smith, A. W. *e* 609 W. 114  
 Smith, B. *† ed*  
 Board of Educ. Rooms, Yonkers  
 Smith, C. *† ed* 509 W. 121  
 Smith, C. A. *m* 400 W. 57  
 Smith, C. A. *† b*  
 87 Mahar ave., Clifton, N. J.  
 Smith, C. B. *mec*  
 Columbia University *Spectator*  
 Smith, C. H. *gr* 1516 Charlotte  
 Smith, C. N. *gr ed* Livingston  
 Smith, D. B. *† gr* 165 E. 58  
 Smith, Daisy M. *† e* Hotel Hargrave  
 Smith, Dorothy M. *† e* 81 Morningside ave.  
 Smith, E. *e* 501 W. 113  
 Smith, E. A. *† b*  
 Fairmount Hotel, Jersey City  
 Smith, E. A. *† e* Roff ave., Morsemere, N. J.  
 Smith, E. D. *gr ed* Leonardo, N. J.  
 Smith, E. E. *† pa* Hillbourne, Katonah  
 Smith, E. H. *† e*  
 31 Glenbrook Rd., Stamford, Conn.  
 Smith, E. H. *† e* 106 Morningside Dr.  
 Smith, E. I. *† b* 99 Claremont ave.  
 Smith, E. L. *c* 540 W. 145  
 Smith, E. M. *† e* Ridgewood, N. J.  
 Smith, F. *e* 497 Broadway, Astoria  
 Smith, F. H. *† ed* 501 W. 121  
 Smith, F. M. *† e* 447 W. 34  
 Smith, F. S. *c* 295 Riverside Dr.  
 Smith, F. T. *gr ed* 600 W. 122  
 Smith, G. *† e* 76 W. 105  
 Smith, G. A. *m* Central Islip  
 Smith, G. C. *† e* 403 W. 115  
 Smith, G. M. *† ed*  
 146 Union ave., Clifton, N. J.  
 Smith, H. *† gr ed* 3100 Broadway  
 Smith, H. B. *e* 470 W. 141  
 Smith, H. C. *gr* 1120 Amsterdam ave.  
 Smith, H. C. *† pa*  
 5 Berkeley Heights Pk., Bloomfield, N. J.  
 Smith, H. N. *† e* 331 W. 101  
 Smith, H. O. *gr ed* 146 Fenimore St., Bklyn.  
 Smith, I. B. *† e* Glen Cove  
 Smith, I. M. *† pa* 330 W. 95  
 Smith, J. C. L. *† pa*  
 Smith, J. D. *† b* 415 W. 118  
 Smith, J. E. *c* 3129 Broadway  
 Smith, J. M. *† pa* 414 W. 121  
 Smith, L. C. *† b* 348 Passaic, Hackensack

- Smith, L. E. † *pa*  
310 Simpson Pl., Peekskill
- Smith, M. † *e* 62 W. 66
- Smith, M. A. † *pa* 145 E. 176
- Smith, M. B. † *e* 54 W. 48
- Smith, M. G. † *b* Furnald
- Smith, M. H. † *uncl* 318 W. 57
- Smith, M. L. *ed* 422 W. 115
- Smith, M. L. † *gr ed* 21 W. 122
- Smith, M. L. † *b*  
135 Phelps ave., Englewood
- Smith, M. M. † *e* 62 W. 66
- Smith, M. M. *gr ed* Livingston
- Smith, M. O. † *e* 300 W. 85
- Smith, N. L. † *e* 112 Washington Pl.
- Smith, O. J. † *gr ed* Furnald
- Smith, P. † *e* 192 Elwood ave., Newark
- Smith, P. *e* 515 W. 138
- Smith, P. F. *e* 104 W. 90
- Smith, R. B. † 633 W. 115
- Smith, R. F. *gr ed*  
132 W. Palisade ave., Englewood
- Smith, R. J. *c* 1833 Bathgate ave.
- Smith, R. K. † *e* 97 Paulison ave., Passaic
- Smith, R. W. † *gr* Whittier
- Smith, V. C. † *e* 99 John
- Smith, V. H. † *e* 620 W. 116
- Smith, W. C. *e* 2 W. 47
- Smith, W. C. *ed* Hall of Records
- Smith, W. W. *e* 63 W. 180
- Smith, Y. B. † *e* 620 W. 122
- Smolensky, M. S. † *e* 2041 Fifth ave.
- Smolin, J. *e* 835 Hunts Point ave.
- Smyth, M. A. † *e* 50 Whitney ave., Elmhurst
- Snider, A. M. † *gr* 527 W. 121
- Snodgrass, K. † *gr* 604 W. 115
- Snody, R. R. *ph* 19 Radford Pl., Yonkers
- Snow, B. J. *e* 366 Wadsworth ave.
- Snow, M. L. † *gr*  
38 Trinity Pl., New Rochelle
- Snow, W. *c* 180 Harrison ave. Bklyn.
- Snyder, D. C. † *e*  
436 Washington ave., Bklyn.
- Snyder, M. E. † *b* 99 Claremont ave.
- Sobel, F. B. † *uncl* 35 W. 110
- Sobel, N. *m* 41 Ave. B
- Soble, A. *c* Furnald
- Sobler, A. W. *e* 2085 Amsterdam ave.
- Soff, LeR. D. *c* 228 E. 67
- Sohn, H. *c* 47 Attorney
- Sokoloff, E. † *e* 1411 Clinton ave.
- Sokolofsky, S. *c* 354 Beekman ave.
- Solender, S. S. *pa* Pleasantville
- Soley, M. L. † *b* 428 W. 204
- Solinger, S. *e* 52 Middleton, Bklyn.
- Solley, F. W. *m* 114 E. 60
- Solley, M. † *e* 114 E. 60
- Solomon, E. S. *e* 1847 Park Pl., Bklyn.
- Solomon, G. † 1098 Eastern Pkwy., Bklyn.
- Solomon, M. J. † *e* 638 W. Front, Plainfield
- Solomon, N. † *e* 638 W. Front, Plainfield
- Solomon, S. L. † *uncl* 208 Madison
- Soltes, M. *gr ed*  
609 Willoughby ave., Bklyn.
- Somberg, J. S. *m* 208 W. 119
- Sommerville, M. † *e* 404 Riverside Dr.
- Sorchan, C. † *uncl* 267 Madison ave.
- Sornberger, L. I. † *pa* Whittier
- Soskin, L. † *gr* 221 Sherman ave.
- Soskin, W. H. *c* 2121 Belmont ave.
- Sosnovsky, A. *ph* 246 E. 35
- Sottile, J. *ph* 345 E. 120
- Souhami, R. † *b* 617 W. 143
- Soule, R. P. *mec* Livingston
- Soupine, A. † *ph* 530 E. 138
- Sowter, H. † *pa* 24 Fiske Pl., Bklyn.
- Spafford, E. H. † *pa* 152 W. 57
- Spafford, I. O. † *pa* Furnald
- Spagnuolo, J. *ph* 412 E. 119
- Spalding, E. R. † *pa* 160 Claremont ave.
- Spalding, F. B. † *pa* 160 Claremont ave.
- Spahr, M. † *gr* Princeton, N. J.
- Spandon, M. † *e* 523 W. 113
- Sparkes, A. L. † *e* 302 W. 121
- Sparks, F. A. † *e* 44 Morningside Dr.
- Sparks, T. A. *gr* 175 Ninth ave.
- Sparrow, C. E. † *pa* 509 W. 122
- Spaulding, E. A. † *pa*  
106 Morningside Dr.
- Spaulding, J. E. † *ed*  
430 Sterling Pl., Bklyn.
- Spaulding, M. B. † *e* 67 Radford, Yonkers
- Spearing, J. † *gr ed* 525 W. 120
- Spector, D. L. † *e* 37 Hamilton Terr.
- Spector, L. *m* 631 E. 168
- Speel, A. B. *e* 246 Amboy
- Speer, A. J. † *gr ed* Furnald
- Speer, M. E. † *gr* Furnald
- Speidel, M. R. † *e* 401 W. 118
- Speights, K. H. † *e* Whittier
- Speirs, J. M. † *e* 333 Clinton, Bklyn.
- Spellman, G. J. *ph* 122 W. 64
- Spence, N. † *e*  
123 Fairview ave., Jersey City
- Spence, P. W. *c* 293 Lenox ave.

- Spencer, B. *l*  
 Spencer, E. E. † *gr* 501 W. 120  
 Spencer, F. D. *m* 27 W. 61  
 Spengler, W. † *e* 523 W. 121  
 Spenner, C. *e* 109 W. 82  
 Sperber, F. *c* 15 Pitt  
 Sperling, J. *m* 108 Meserole, Bklyn.  
 Spero, S. D. *c* 1885 Seventh ave.  
 Sperry, R. C. † *pa* 523 W. 121  
 Sperry, J. S. † *e* 422 W. 119  
 Spetter, I. *e* 24 State  
 Spettigue, E. V. *uncl* 419 W. 118  
 Spewack, S. *c* 1141 Park ave.  
 Spicer, M. † *e* 612 W. 115  
 Spickard, J. † *gr* 135 E. 52  
 Spielman, C. A. *uncl* Livingston  
 Spier, F. *l* 515 W. 111  
 Spier, L. *gr* Amer. Museum of Nat. Hist.  
 Spin, O. *e* 1233 Theriot ave.  
 Spingarn, S. *l*  
 442 Clinton ave., W. Hoboken  
 Spivak, F. *ph* 219 Madison ave., Flushing  
 Spohn, A. A. † *gr* 106 Morningside Dr.  
 Spoltore, J. D. *ph* 115 E. 115  
 Sporn, M. E. *e* 63 Canal  
 Sporn, P. *e* 63 Canal  
 Sposta, D. C. *c* 21 Spring  
 Sprague, E. C. *e* 504 W. 112  
 Sprague, H. A. *gr ed* 135 Washington ave.  
 Springer, G. † *e* 106 Morningside Dr.  
 Springhorn, C. E. *gr* 414 W. 146  
 Sprock, F. E. *e* 462 W. 151  
 Sprock, H. M. *e* 462 W. 151  
 Sproul, A. E. Jr. *m*  
 260 Lafayette ave., Passaic  
 Sproule, T. A. *ph* 853 Cauldwell ave.  
 Sproviero, F. *e*  
 59 Spruce, Stamford, Conn.  
 Spry, L. C. *gr ed*  
 57 Thirteenth ave., Newark  
 Spunt, F. B. † *e* 243 Henry  
 Spurgeon, G. W. *e* 568 W. 192  
 Squire, V. R. † *e* Mt. Kisco  
 Squires, B. M. *gr*  
 Srager, M. † *ed* 190 Claremont ave.  
 Stair, J. † *e* 25 St. Nicholas Terr.  
 Staloff, E. *ph* 16 E. 107  
 Stamatiades, P. E. *m* 415 W. 57  
 Stamm, C. L. † *e*  
 25 N. 7th ave., Mt. Vernon  
 Standard, P. *c*  
 1501 Eastern Pkwy., Bklyn.  
 Stander, M. M. *e* 1905 Marmion ave.  
 Stange, E. *e* 1312 Bloomfield, Hoboken  
 Stangle, W. H. *e* 21 Argyle Rd., Bklyn.  
 Stanley, D. B. *e* 80 Nassau  
 Stanley, E. C. † *pa*  
 213-33rd, Woodcliff, N. J.  
 Stanton, A. E. H. † *j* Brooks  
 Stanton, E. W. *e* 2973 Briggs ave.  
 Stanton, J. † *b*  
 54 S. Portland ave., Bklyn.  
 Stapler, A. P. K. † *pa* Whittier  
 Staples, T. S. *gr* 519 W. 121  
 Starkweather, C. N. *m*  
 829 Second Pl., Plainfield, N. J.  
 Starr, C. C. *gr ed* 416 W. 118  
 Starr, J. G. † *e* Hotel McAlpin  
 Starr, M. C. *c* 354 Sackman, Bklyn.  
 Starr, S. † *e* 468 Riverside Dr.  
 Starbuck, G. H. *e* 61 Broadway  
 States, D. A. † *gr ed*  
 Staub, H. T. *c* 41 Morse ave., Bloomfield  
 Staubrough, G. L. † *b* 306 W. 103  
 Stauffer, C. T. *l* 528 W. 123  
 Stauffer, F. L. *m* 557 W. 174  
 Stauffer, F. V. † *gr* 55 S. 10, Newark  
 Stearns, M. W. † *gr* 422 W. 119  
 Stearns, P. † *e* 441 W. 21  
 Stebbins, E. D. † *e* 1587 Pacific, Bklyn.  
 Stebbins, S. *e* 318 W. 57  
 Stecker, W. W. *mec* 1006 Union ave.  
 Steckert, F. E. † *e* 501 W. 120  
 Steele, A. † *e* 519 W. 121  
 Steele, J. N. *e*  
 195 Mountain Way, Rutherford  
 Steele, S. M. † *e* 519 W. 121  
 Steeneck, A. M. † *gr* 50 Bank  
 Steeves, E. B. † *pa*  
 33 Post Rd., White Plains  
 Stege, C. † *e* 186 Hewes, Bklyn.  
 Steiger, R. A. K. *e* 88 Ann, Newark  
 Stein, G. † *e* 37 W. 90  
 Stein, I. M. *e* 521 W. 112  
 Stein, J. *ph* 348 E. 13  
 Stein, J. *c* 99 Monmouth, Newark  
 Stein, J. F. *c* 180 Union ave., Long Branch  
 Stein, M. H. † *uncl* 605 W. 113  
 Steinberg, A. H. † *e* 610 W. 141  
 Steinberg, C. H. † *ph* 661 E. 170  
 Steinberg, R. A. *gr* Columbia University  
 Steinberg, S. *e* 510 Main, E. Orange  
 Steinbruck, L. O. † *e* 330 Park ave.  
 Steiner, H. *c* 616 W. 114  
 Steiner, S. S. † *e* 304 W. 92  
 Steiner, W. H. *gr* 219 E. 71

- Steiner, E. J. *e* 2586 Bainbridge ave.  
 Steinforth, W. *e* 18-20 W. 89  
 Steinhardter, H. *e* 680 West End ave.  
 Steinhoff, K. L. *m* 2492 Elm Pl.  
 Steinman, A. *ph* 63 New Lots Rd., Bklyn.  
 Steinman, I. *m* 416 E. 81  
 Steinschneider, F. † *pa* 42 Morris, Yonkers  
 Steinschneider, R. *c* 540 W. 113  
 Stelle, E. T. Jr. *c* Hartley  
 Stendel, H. L. *e* 201 W. 106  
 Stender, A. *e* 900 Riverside Dr.  
 Stenquist, J. L. *gr ed* 414 W. 121  
 Stephens, G. McF. *c* 537 W. 121  
 Stephens, W. H. *e* 25 City Hall Pl.  
 Stephenson, J. M. † *ed* 604 W. 125  
 Stephenson, J. *e* Hartley  
 Stephenson, J. T. Jr. *e* 601 W. 110  
 Stephenson, R. A. *m* West Side Y. M. C. A.  
 Sterman, M. M. *m* 26 W. 113  
 Stern, A. *c* 21 Centies Slip  
 Stern, C. M. † *pa* 611 W. 114  
 Stern, E. W. † *gr* 129 E. 69  
 Stern, M. *e* 1515 Madison ave.  
 Stern, R. I. † *pa* Whittier  
 Stern, R. L. S. *c* 140 W. 69  
 Stern, W. A. II *c* 567 W. 113  
 Sternau, H. *e* 166 W. 87  
 Sternberg, H. *m* 55 Morton, Bklyn.  
 Sternberg, L. † *b* 13 E. 94  
 Sternfeld, M. H. *l* Livingston  
 Sterry, R. D. † *e* Furnald  
 Sterz, E. † *pa* Whittier  
 Sterz, G. † *pa* Whittier  
 Steuer, E. K. † *pa* 78 W. 47  
 Steuterman, H. J. *c* 88 St. Nicholas ave.  
 Stevens, A. *ph* 468-12th, Bklyn.  
 Stevens, E. † *e* Furnald  
 Stevens, H. D. *ed* 304 Clinton ave., Kingston  
 Stevens, J. R. *c* Livingston  
 Stevens, H. K. † *b* 2094 Fifth ave.  
 Stevens, M. E. † *e* 190 Amherst, E. Orange  
 Stevens, M. E. † *pa* Whittier  
 Stevens, M. H. *m* 58 S. Maple ave., E. Orange  
 Stevens, M. S. † *gr* Walbrooke Rd., Scarsdale  
 Stevens, O. *ph* Matawan, N. J.  
 Stevens, S. G. † *e* 504 W. 112  
 Stevenson, A. C. *c* 640 W. 113  
 Stevenson, D. F. *gr ed* 1730 Garfield  
 Stevenson, H. C. † *pa* 422 E. 4, Bklyn.  
 Stewart, A. H. *gr* Stewart, A. M. † *e* 421 W. 118  
 Stewart, A. W. *c* 512 W. 171  
 Stewart, C. D. † *b* 57 Winant ave., Ridgefield Pk., N. J.  
 Stewart, D. † *e* 222 W. 79  
 Stewart, D. *e* 2312 Andrews ave.  
 Stewart, E. † *e* 520 W. 153  
 Stewart, E. M. † *b* 530 W. 123  
 Stewart, E. N. † *bu*  
 Stewart, F. H. † *pa*  
 Stewart, G. G. † *gr* 414 W. 121  
 Stewart, G. P. † *e* 120 Riverside Dr.  
 Stewart, H. M. *e* 140 Rich ave., Mt. Vernon  
 Stewart, L. † *pa* 1230 Amsterdam ave.  
 Stewart, L. B. † *e* 611 W. 137  
 Stewart, L. D. *c* 140 Rich ave., Mt. Vernon  
 Stewart, M. † *pa* 449 W. 123  
 Stewart, M. † *e* 72 Washington Sq.  
 Stewart, V. † *b* Brooks  
 Stewart, W. R. II *c* 120 Riverside Dr.  
 Steyn, C. H. *gr ed* Livingston  
 Stickel, J. *c* 174 Keap, Bklyn.  
 Stickland, G. I. † *gr* 444 Classon ave., Bklyn.  
 Stickney, A. L. † *b* Brooks  
 Stickney, A. M. † *pa* 501 W. 120  
 Stickney, R. C. *m* 332 W. 58  
 Stiehl, I. V. † *pa* Prospect, White Plains  
 Stiles, H. † *e* 312 S. 4th ave., Mt. Vernon  
 Stiles, J. B. † *e* 658 Devon, Arlington, N. J.  
 Still, R. F. E. *m* Metropolitan Hospital  
 Stimpson, C. B. † *e* 601 W. 110  
 Stinson, J. W. *l* Belmont Hotel  
 Stobaugh, F. A. † *gr ed* 292 Broad ave., Leonia  
 Stockder, A. H. *gr* Hartley  
 Stockhammer, F. *c* 852 Eastern Pkwy., Bklyn.  
 Stoddard, A. S. † *e* 106 Morningside Dr.  
 Stoddard, R. S. † *e* 1214 Dean, Bklyn.  
 Stoff, C. † *e* 22 Mt. Morris Park W.  
 Stokely, A. M. † *e* 135 E. 52  
 Stoehr, H. A. † *e* 337 Second ave.  
 Stoff, C. † *e* 22 Mt. Morris Park W.  
 Stoloff, E. G. *c* 314 E. 4  
 Stoll, J. E. E. Jr. *e* 3100 Broadway  
 Stone, A. M. † *e* 600 W. 114  
 Stone, C. G. Jr. *gr* 273 Rich ave., Mt. Vernon  
 Stone, F. E. *m* 437 W. 59  
 Stone, H. M. † *ed* Whittier

Stone, K. B. † e	Whittier	Stuart, M. C. † b	431 W. 121
Stone, L. c	42 W. 112	Studebaker, A. L. † e	527 W. 121
Stone, L. † e	512 W. 122	Studensky, P. gr	
Stone, L. C. c	701 W. 179	Bureau of Municipal Research,	
Stone, M. m	208 W. 140	261 Broadway	
Stone, M. C. † pa	Whittier	Stull, J. E. † pa	Whittier
Stone, M. E. † gr ed	1370 Dean, Bklyn.	Stulz, F. E. e	139 Java, Bklyn.
Stone, M. L. c	237 W. 74	Sturcke, L. e	530 Riverside Dr.
Stone, V. A. † e	Whittier	Sturgess, M. V. B. e	
Storer, A. D. † gr ed		Sturtevant, C. W. † e	501 W. 121
1233 Spruce, Richmond Hill		Su, S. G. gr	Hartley
Storm, F. e	299 Broadway	Suchman, H. l	600 W. 165
Storm, F. † pa	62 W. 124	Suchoff, L. † uncl	19 W. 112
Storms, D. A. † pa	Whittier	Sucoff, M. m	43 Van Buren, Passaic
Stotsenburg, M. B. † gr	95 Rivington	Sudlow, F. L. † e	344 Park Pl., Bklyn.
Stout, C. C. C. † e	420 W. 121	Suer, A. m	975 Union ave.
Stout, C. H. † e	Middletown, N. J.	Suffren, M. W. † e	
Stout, E. M. † e		68 Buckingham Rd., Bklyn.	
27 Locust ave., New Rochelle		Sugarman, J. ph	233 E. 77
Stow, N. S. † e	52 W. 104	Sugerman, S. C. † e	136 W. 118
Stoyanoff, E. K. e	220 Audubon ave.	Sugimoto, H. I. e	414 W. 121
Strahan, C. J. ed	Freehold, N. J.	Sugranes, J. P. ph	257 W. 111
Strang, A. V. † pa	Whittier	Suk, O. A. J. ph	414 E. 77
Strang, F. T. gr	512 W. 123	Sukloff, H. c	1017 Myrtle ave., Bklyn.
Strang, R. M. † e		Sullivan, C. † uncl	Whittier
301 Lafayette ave., Bklyn.		Sullivan, C. H. e	515 W. 122
Strange, O. † ed	East Orange	Sullivan, D. E. e	416 W. 118
Strassburger, R. † e		Sullivan, E. S. m	34 W. 61
Central ave., Woodmere		Sullivan, L. R. gr	124 W. 84
Stratford, M. M. † e	350 E. 141	Sully, W. Jr. l	375 Park ave.
Straub, R. † e	548 Riverside Dr.	Sulzberger, D. H. e	516 West End ave.
Strauss, A. e	319 E. 57	Summerill, F. m	346 W. 57
Strauss, E. M. † gr	521 W. 144	Summey, G. Jr. gr	375 Ave. C, Bayonne
Strauss, N. c	212 E. Tremont ave.	Sunderland, F. † gr ed	423 W. 120
Stratton, G. E. † pa	Whittier	Sundermann, F. Jr. e	354 Fourth ave.
Strawinski, W. E. gr ed	167 W. 231	Sung, M. Y. † ed	Whittier
Street, S. W. † e	43 Park ave.	Sunye, J. B. e	186 Claremont ave.
Streger, P. mec	80 Church, New Rochelle	Supot, A. F. l	29 Elm, Mt. Vernon
Strippel, C. A. ph	151-4th ave., Newark	Surut, F. † e	138 W. 121
Strittmatter, E. J. c		Susskind, S. B. e	229 W. 110
115 Hanxhurst ave., Weehawken		Susumu, T. uncl	600 W. 122
Strohm, A. † pa	423 W. 120	Suter, K. W. c	44 Prospect Pl., Bklyn.
Ströhmman, M. † pa		Sutt, C. P. l	Hartley
28 St. Nichols ave., Bklyn.		Sutton, E. E. † b	99 Claremont ave.
Strong, A. C. † gr	620 W. 116	Sutton, F. T. e	1696 Broadway
Strouse, I. S. c	180 Claremont ave.	Sutton, M. E. † b	
Strong, M. J. † ed	601 W. 180	278 Claremont ave., J. C.	
Strongin, H. F. m	Livingston	Sutton, W. H. gr	224 Moore, Hackensack
Stroock, B. M. † b	88 Central Park W.	Suydam, C. † e	17 Lincoln, E. Orange
Stroock, M. † b	19 W. 76	Suydam, C. B. † b	110 Grove, Tarrytown
Struck, F. T. gr ed	84 Snyder, Orange	Suzuki, S. uncl	600 W. 122
Stuart, D. c	574 E. 140	Svenddal, D. † pa	523 W. 121
Stuart, H. C. m	40 E. 39	Svensson, E. S. H. c	436 W. 114

- Swaab, F. *l. e* 88 Central Park West  
 Swan, D. W. *† e* 55 Pineapple, Bklyn.  
 Swan, E. E. *† pa* Whittier  
 Swan, M. P. *e* Livingston  
 Swann, A. P. *† gr ed* 130 Claremont ave.  
 Swanson, J. A. *e* 1439 University ave.  
 Swanton, R. L. *e* 124 St. James Pl., Bklyn  
 Swartburg, B. R. *e*  
     1399 St. Johns Pl., Bklyn.  
 Swartz, P. A. *gr* 160 Harvest, Forest Hills  
 Swartz, S. *† e* 60 W. 119  
 Swayne, S. A. *m* King's Co. Hosp., Bklyn.  
 Swedosh, P. H. *ph* 794 Hewitt Pl.  
 Sweeney, A. G. *e* 130 Claremont ave.  
 Sweeney, A. R. *† b* 233 Union, Bklyn.  
 Sweeney, F. A. *e* 212 W. 109  
 Sweeney, F. J. L. *m* 172 W. 81  
 Sweeney, H. W. S. *c*  
     2775 Bedford ave., Bklyn.  
 Sweet, C. Jr. *ph* Hartley  
 Sweet, M. *† pa* 930 St. Nicholas ave.  
 Sweet, S. W. *m* 334 W. 56  
 Swensen, H. E. *gr ed* Livingston  
 Swift, E. A. *† gr ed* 144 W. 93  
 Swift, R. J. *e* 51 Tonnele ave., Jersey City  
 Swift, W. E. *m* 156 E. 79  
 Swinburne, S. P. *† pa*  
     39 Toplar ave., Hackensack  
 Swoboda, H. A. *e*  
     120 Hamilton, E. Orange  
 Sydney, E. C. *gr* 819 E. 166  
 Sylvania, L. E. V. *† gr*  
     211 Passaic, Hackensack  
 Sylvester, C. L. *c* 554-74th, Bklyn.  
 Symmers, A. L. *† e* Rye  
 Syze, F. V. *† pa* 189 St. Pauls ave., S. I.  
 Sze-Moo, L. *gr* 419 W. 115  
 Tabachnick, M. *ph* 18 St. Marks Pl.  
 Tabachnick, P. *† ph* 567 Stone ave., Bklyn.  
 Taft, E. R. *† pa* 416 W. 122  
 Taft, R. C. *† pa* Whittier  
 Tai, E. C. *gr* Livingston  
 Tai, E. S. *gr* Livingston  
 Taintor, S. A. *† gr* 70 Morningside Dr.  
 Tait, B. *† ed* Cold Spring-on-Hudson  
 Takagi, S. *gr* 414 W. 121  
 Takayama, W. K. *gr ed* 102 W. 123  
 Takashima, M. *e* 330 E. 57  
 Takei, D. *uncl* Livingston  
 Taketomo, T. *gr* 180 St. Johns Pl., Bklyn.  
 Talmadge, M. A. *† e* 418 W. 118  
 Tan Ditter, S. *† pa* 73 Way ave., Corona  
 Tanaka, G. *e* 31 E. 17  
 Taneill, J. D. *e* 305 W. 137  
 Tanenzapf, I. *ph* 1265 Brook ave.  
 Tang, Y. H. A. *† gr ed* 416 W. 122  
 Talbot, G. S. *e* 162-85th, Bklyn.  
 Talbot, L. M. *† e* 26 W. 130  
 Talmage, I. *† gr* 418 W. 118  
 Talmage, M. V. D. *† e* 509 W. 121  
 Tammen, T. P. *gr* 1047 Amsterdam ave.  
 Tannenbaum, D. *gr* 701 Madison, Bklyn.  
 Tannenbaum, F. *c* 446 E. 171  
 Tannenbaum, H. N. *† e* 701 Madison ave.  
 Tanner, J. F. *c* Livingston  
 Tanner, H. B. *e* 1000 Faile  
 Tansill, J. D. *e* 305 W. 137  
 Tanzer, M. *m* 105 E. 96  
 Tappan, M. *† gr* Furnald  
 Tappan, V. *† b* Hudson ave., Englewood  
 Tappen, C. M. *l* 558 W. 113  
 Tapper, I. M. *e* 72 Union ave., Bklyn.  
 Tarella, H. E. *† ph*  
 Tarler, F. *† e* 1584 Lexington ave.  
 Tarnower, C. M. *c* 73 W. 116  
 Tarpinian, J. V. *ph* 325 E. 32  
 Tartacoff, H. A. *c*  
     1523 Neptune ave., Coney Island  
 Tastrom, E. P. *c* 637 Carroll, Bklyn.  
 Tateishi, J. *gr* 330 E. 57  
 Tauber, R. *† e* 1014 Eastern Pkwy., Bklyn.  
 Taubin, S. *c* 179 E. 100  
 Tausig, K. *e* 4 E. 120  
 Tauss, I. *† e*  
     Commercial ave., Cliffside Pk., N. J.  
 Taylor, A. M. *† e* 89 Rodney, Bklyn.  
 Taylor, C. A. *† pa*  
     116 Second ave., Astoria  
 Taylor, C. M. *† pa* Whittier  
 Taylor, C. W. *† e* 205 W. 109  
 Taylor, E. A. *c* 21 Claremont ave.  
 Taylor, E. A. *† b* 147 W. 105  
 Taylor, E. L. *c* 21 Claremont ave.  
 Taylor, E. W. *† b* Whittier  
 Taylor, F. *† e* 34 Pine  
 Taylor, F. R. *m* 5 Northern ave.  
 Taylor, J. B. *† pa* 251 W. 97  
 Taylor, J. G. *gr* New York University  
 Taylor, J. S. *† gr ed*  
     934 Sterling Pl., Bklyn.  
 Taylor, L. *† b* 130 Claremont ave.  
 Taylor, L. *† e* 24 E. 94  
 Taylor, L. M. *† j* 251 W. 103  
 Taylor, M. A. *† pa* 527 W. 121  
 Taylor, M. J. *† e* 5 Northern ave.  
 Taylor, M. S. *† pa* 400 W. 118



Taylor, M. S. † *pa* Whittier  
 Taylor, N. F. † *gr ed* 530 W. 124  
 Taylor, P. † *e* 130 Claremont ave.  
 Taylor, R. G. *pa* 106 Northern ave.  
 Taylor, R. W. † *pa*  
     State Normal, Trenton, N. J.  
 Taylor, S. B. *e* 900 De Graw ave.  
 Taylor, T. C. *gr* 105 S. 15, Mt. Vernon  
 Taylor, W. R. *e*  
     Vitagraph Co., Elm ave. & E. 15, Bklyn.  
 Tead, O. *gr* 51 W. 16  
 Teall, D. J. † *b* 93 High, Glen Ridge, N. J.  
 Teas, E. M. † *gr ed* 1234 Pacific, Bklyn.  
 Teeple, G. F. † *pa* Whittier  
 Tefft, H. † *pa* 464 Riverside Dr.  
 Telfer, M. L. † *e* 173 Barclay, Flushing  
 Tellman, D. H. *c*  
     321 W. Mann, Patchogue, L. I.  
 Temliak, S. *ph* 50 E. 103  
 Tempelton, M. E. † *gr ed*  
     Stamford, Conn.  
 Temperlyn, W. *ph* 17 E. 15, Paterson  
 Tendler, A. D. *gr* 1027 E. 167  
 Ten Eyck, M. D. † *e* Pleasantville  
 Tennenbaum, H. † *e* 189 Eighth ave.  
 Tennhardt, E. † *e* 55 Central Park West  
 Tenopyr, O. m 2915 Glenwood Rd., Bklyn.  
 Teperman, E. C. *e*  
     1503 St. Johns Pl., Bklyn.  
 Teplitsky, D. *c* 181 Thatford ave., Bklyn.  
 Terhune, L. † *e* Pompton Lakes, N. J.  
 Terrell, A. T. *a* 1124 Amsterdam ave.  
 Terriberry, E. † *b* 120 W. 73  
 Terrill, F. A. † *ed* 541 W. 123  
 Terry, F. † *pa* Whittier  
 Terry, M. K. † *gr ed* 540 Manhattan ave.  
 Tetrick, A. R. † *pa* Whittier  
 Teurbe-Tolon, R. *uncl* Hotel Ansonia  
 Tewes, M. T. † *b* 511 Broadway, Astoria  
 Thalheim, B. † *e* Furnald  
 Tharaldsen, C. E. *gr* 1790 Clinton ave.  
 Thatcher, H. W. *c* 825 Greene ave., Bklyn.  
 Thayer, L. I. *m* 558 W. 113  
 Thayer, M. H. † *gr* Furnald  
 Thayer, M. S. † *ed* Furnald  
 Theobald, C. T. † *e* 417 W. 118  
 Thieme, A. J. *e* 75 Hudson  
 Thomas, A. † *gr* 140 Claremont ave.  
 Thomas, A. E. *e*  
     229 Willett ave., Port Chester  
 Thomas, E. W. † *gr* 417 W. 120  
 Thomas, F. H. *c*  
     1229 Jamaica ave., Woodhaven

Thomas, G. A. † *e* 135 E. 52  
 Thomas, G. R. *gr ed* 1759-72nd, Bklyn.  
 Thomas, K. E. † *gr* 414 W. 121  
 Thomas, M. D. † *pa* 527 W. 121  
 Thomas, M. E. † *e* Furnald  
 Thomas, M. J. † *ed* 507 W. 121  
 Thomas, M. P. † *b* 420 W. 119  
 Thomas, T. S. Jr. *m* 27 W. 61  
 Thomashefsky, M. *c*  
     549 Bedford ave., Bklyn.  
 Thomasian, V. M. *gr ed* 600 W. 122  
 Thomason, J. F. *gr ed*  
     1120 Amsterdam ave.  
 Thompson, A. J. † *e*  
     138 Hamilton ave., Passaic  
 Thompson, A. R. † *gr* 417 W. 118  
 Thompson, D. G. † *pa*  
     168 Harrison ave., Jersey City  
 Thompson, E. I. † *b* 21 First Pl., Bklyn.  
 Thompson, F. J. † *pa* Whittier  
 Thompson, F. W. † *b* 155 W. 58  
 Thompson, H. † *pa* 609 W. 127  
 Thompson, H. D. † *pa*  
     399 Grand ave., Bklyn.  
 Thompson, H. S. *pa* Grantwood  
 Thompson, J. F. *e* 838 West End ave.  
 Thompson, K. R. *c* 109 W. 101  
 Thompson, M. † *pa* 523 W. 121  
 Thompson, M. L. *c* Hartley  
 Thompson, M. L. † *e* 66 W. 96  
 Thompson, N. M. † *pa* 546 W. 124  
 Thompson, V. † *b* 43 W. 72  
 Thoms; F. H. *gr ed*  
     14 Buena Vista ave., Hawthorne, N. J.  
 Thomson, A. K. *c* 608 W. 113  
 Thomson, M. C. † *b* Brooks  
 Thorndike, F. † *pa* 501 W. 120  
 Thorne, J. E. † *ed*  
     30 Fairview Terr., West New York  
 Thornton, J. † *gr* Whittier  
 Thorpe, F. m 88 Watchung ave., Montclair  
 Thrall, M. M. † *gr* 418 W. 118  
 Thrall, M. P. † *pa* 417 W. 121  
 Thruelsen, M. D. M. † *e*  
     38 Orchard Terr., Bogota, N. J.  
 Thun, I. M. † *gr* 108 Seventh ave., Bklyn.  
 Thurston, H. W. *gr* 105 E. 22  
 Thurston, U. † *e* 17 Stanley Pl., Yonkers  
 Tibbetts, M. P. † *gr* 508 W. 114  
 Tibken, M. V. † *e* 128 Bradhurst ave.  
 Tice, S. C. † *b* 450 W. 147  
 Tichborne, F. F. M. † *e*  
     30 S. Tenth ave., Mt. Vernon

- Tickenor, N. C. † *e* 435 W. 119  
 Tiemann, K. H. † *gr* 82 N. Arlington ave., E. Orange  
 Tierney, K. † *e* Elmore ave., Englewood  
 Tietjen, H. *c* 423 E. 169  
 Tietjen, V. † *e* 1462 E. 17th, Bklyn.  
 Tiffany, J. G. † *gr* 55 South, Morristown, N. J.  
 Tighe, S. M. † *e* 415 W. 120  
 Tileston, D. M. † *b* 70 W. 128  
 Till, C. † *e* 191 Lincoln Pl., Bklyn.  
 Timko, J. *ph* 422 E. 79  
 Timm, W. *e* 256 Barclay, Astoria  
 Timmins, L. H. † *ed* 145 S. Second ave., Mt. Vernon  
 Timourian, A. S. *e* 1140 Broadway  
 Ting-hsi, C. *e* 547 W. 123  
 Tingley, P. E. † *e* Furnald  
 Tingley, T. J. *l* Hartley  
 Tinin, M. G. † *e* 87 N. Broadway, Yonkers  
 Tinkler, B. R. *m* 346 W. 57  
 Tinsley, T. A. *e* 159 E. 116  
 Tirapegui Leiva, L. A. *ed* 217 W. 115  
 Tischelman, N. *ph* 9 Pitt  
 Tischler, P. A. *e* 500 W. 112  
 Tisdale, D. H. † *pa* 611 W. 158  
 Tisdale, L. † *e* 537 W. 121  
 Tisdale, V. † *gr ed* 537 W. 121  
 Tishber, P. *ph* 444 Grand  
 Titterton, D. W. *c* 4 New England Terr., Orange  
 Titshaw, H. S. *m* 408 W. 58  
 Titus, I. F. † *pa* Whittier  
 Tobias, C. H. *c* 24 E. 99  
 Tobin, J. *e* 312 W. 109  
 Tochterle, R. *e* 401 E. 68  
 Todd, B. L. † *pa* 106 Morningside Dr.  
 Todd, C. † *e* 824 West End ave.  
 Todd, J. H. † *e* Livingston  
 Todd, L. † *e* Dumont N. J.  
 Todd, R. *m* Livingston  
 Todd, R. H. † *gr ed* 225 West End ave.  
 Todes, C. *c* Hartley  
 Tokuyama, S. *gr* 102 W. 125  
 Tolbin, G. W. *ph* 248 W. 112  
 Toledano, R. † *b* 419 W. 129  
 Tolkoﬀ, J. *ph* 15 E. 107  
 Toll, H. W. *m* 291 Madison ave.  
 Tomashoﬀ, S. *ph* 8 Rutgers  
 Tombacher, C. R. † *e* 1274 Ocean Pkwy., Bklyn.  
 Tomberg, L. *c* 24 Pike  
 Tomey, A. M. *gr* 600 W. 122  
 Tominas, S. *gr* 897 Riverside Dr.  
 Tomkins, L. *e* 1947 Broadway  
 Tompkins, S. Van H. † *pa* 349 W. 120  
 Tomlin, S. M. † *gr ed* 1320 Bergen, Bklyn.  
 Tompkins, B. C. † *b* 13 E. View ave., White Plains  
 Tong, T. C. Y. C. *gr* Hartley  
 Tonkonogy, M. *e* 518 Grand, Bklyn.  
 Tonks, L. *gr* 141 W. 84  
 Tooker, K. E. † *gr* 210 W. 90  
 Toomasian, A. *e* 367 Third ave.  
 Toombs, F. R. *c* 637 St. Johns Pl., Bklyn.  
 Topalian, A. B. *j* 322 W. 115  
 Topping, E. F. † *j* 401 W. 118  
 Torek, G. I. † *b* 1021 Madison ave.  
 Torii, K. *e* 609 W. 114  
 Tornel, C. A. *l* 237 W. 108  
 Torres, A. *gr ed* 435 W. 123  
 Toth, E. † *b* 218 Lenox ave.  
 Toth, W. *e* 480 Greenwich  
 Totten, E. † *gr* Hotel Earle  
 Totten, I. † *e* 335 W. 14  
 Totten, R. L. *gr ed* 196 Van Houten, Paterson  
 Tousmasian, A. *e* 367 Third ave.  
 Tour, I. S. † *gr ed* 501 W. 121  
 Touroﬀ, L. E. † *b* 1828 Topping ave.  
 Tousley, C. M. † *gr* 59 Morton  
 Tousley, T. C. † *pa* 530 W. 124  
 Touton, F. C. *gr ed* 420 W. 119  
 Tow, A. *m* 12 E. 127  
 Tower, A. *m* West Side Y. M. C. A.  
 Towey, A. C. † *pa* 40 Henry, Passaic  
 Towne, M. P. † *pa* 97 Fairview ave., Jersey City  
 Towner, M. A. † *e* 100 Morningside Dr.  
 Towner, W. B. † *e* 100 Morningside Dr.  
 Townsend, A. S. *gr ed* 7 Park ave., Mt. Vernon  
 Townsend, E. B. † *gr ed* 417 W. 121  
 Townsend, E. H. † *b* Furnald  
 Townsend, H. C. † *pa* Furnald  
 Townsend, L. McD. *c* Livingston  
 Townsend, M. D. † *b* 2515 Clarendon Rd., Bklyn.  
 Townsend, M. E. † *gr* 209 W. 97  
 Townsend, M. J. † *e* 1230 Amsterdam ave.  
 Towsley, F. H. *l* Livingston  
 Trachman, H. I. *l* 863 Beck  
 Tracy, G. *gr* 336 W. 58  
 Tragerman, A. *ph* 456 E. 175  
 Trainor, M. K. † *e* 610 W. 114

Traits, M. † <i>b</i>	29 W. 12	Turner, S. † <i>e</i>	311 W. 101
Trane, S. I. † <i>pa</i>	535 W. 113	Turner, W. F. <i>e</i>	370 E. 135
Trapp, H. A. <i>gr ed</i>	247 W. 135	Turner, W. J. † <i>e</i>	155 Union ave., Mt. Vernon
Traub, L. M. † <i>pa</i>	128 W. 11	Turno, C. M. † <i>e</i>	787 Forest ave.
Traylor, O. † <i>gr</i>	106 Morningside Dr.	Turrell, B. † <i>gr</i>	417 W. 120
Treacy, J. W. † <i>b</i>	2731 Broadway	Tusa, T. † <i>b</i>	73 Central ave., Bklyn.
Tredwell, F. E. † <i>e</i>	10 Brook ave., Englewood	Tuttle, E. W. <i>ed</i>	387 Park ave., E. Orange
Treloar, A. E. † <i>e</i>	35-3rd ave., Newark	Tuttle, E. W. † <i>j</i>	503 W. 121
Tressler, E. H. † <i>ed</i>	Kew Gardens	Tuttle, I. A. † <i>b</i>	99 Claremont ave.
Treyz, H. A. † <i>pa</i>	Whittier	Tuttle, J. P. † <i>pa</i>	Whittier
Treyz, S. L. † <i>pa</i>	Whittier	Tuttle, L. K. <i>e</i>	18 E. 41
Trihey, A. E. † <i>e</i>	137 E. 47	Tuttle, M. B. † <i>pa</i>	Furnald
Tripp, W. A. <i>e</i>	1060 Union ave.	Tuttle, Margaret Elizabeth † <i>pa</i>	Whittier
Trischett, S. S. <i>m</i>	956 Teller ave.	Tuttle, Margaret Elmina † <i>pa</i>	2940 Broadway
Tropp, A. † <i>e</i>	420 E. 134	Twamley, J. H. <i>e</i>	639 Walton ave.
Tropp, J. <i>c</i>	1153-41, Bklyn.	Twersky, M. <i>m</i>	437 W. 59
Trowbridge, A. E. † <i>e</i>	176 Bond, Bklyn.	Twiss, J. R. <i>c</i>	308 E. 206
Troxler, L. J. <i>e</i>	11 Willoughby ave., Bklyn.	Twiss, W. C. † <i>gr</i>	308 E. 206
Troy, E. L. † <i>ed</i>	524 W. 124	Twomey, M. J. † <i>e</i>	235a Mt. Prospect ave., Newark
Troy, J. C. † <i>pa</i>	106 Morningside Dr.	Tyler, G. † <i>ed</i>	421 W. 121
Truden, J. <i>e</i>	2315 Second ave.	Tyler, R. D. <i>pa</i>	2329 Seventh ave.
True, M. † <i>e</i>	6 Morningside ave.	Tyndall, E. † <i>e</i>	422 Lenox ave., Westfield, N. J.
Truesdale, H. W. <i>gr</i>	118 W. 11	Tyndall, S. E. † <i>ed</i>	Oradell, N. J.
Truet, M. † <i>e</i>	415 W. 120	Tzyetanova, L. C. † <i>ed</i>	1090 Amsterdam ave.
Trull, A. G. † <i>pa</i>	317 E. 196	Uchitelle, B. <i>bu</i>	15 W. 110
Tsai, C. T. <i>c</i>	415 W. 115	Uecke, C. H. † <i>gr</i>	
Tsatsaron, N. <i>e</i>	221 E. 85	Uhl, W. L. <i>a</i>	520 W. 124
Tsen, T. L. <i>gr</i>	318 W. 57	Uhlfelder, L. † <i>e</i>	Bretton Hall Hotel
Tsow, M. <i>gr</i>	Hartley	Uhlenhuth, E. <i>undl</i>	Rockefeller Institute
Tucker, F. B. † <i>e</i>	161 Henry, Bklyn.	Uhrbrock, M. E. † <i>b</i>	320 Park Pl., Bklyn.
Tucker, F. L. Jr.	464 Ninth, Bklyn.	Uhrenbacher, J. <i>e</i>	11 E. 40
Tucker, H. A. H. † <i>e</i>	415 W. 118	Ulmann, C. J. <i>e</i>	155 W. 74
Tucker, H. R. <i>ed</i>	165 Porterfield Pl., Freeport	Ullman, J. M. <i>c</i>	16 E. 96
Tucker, M. † <i>j</i>	Furnald	Ullman, L. <i>c</i>	542 W. 112
Tucker, S. A. <i>j</i>	Livingston	Ullman, M. <i>c</i>	146 Lewis
Tufts, D. W. † <i>ed</i>	90 Morningside Dr.	Ullmann, C. † <i>e</i>	408 W. 130
Tugel, D. E. <i>gr ed</i>	541 W. 123	Underhill, J. V. <i>e</i>	2 Stone
Tulchen, L. † <i>gr</i>	243 Second	Ungar, M. V. R. † <i>e</i>	
Tunick, J. B. <i>ph</i>	101 Second ave.	Unger, E. G. <i>e</i>	866 E. 164
Tunick, M. S. † <i>e</i>	116 N. Main, Port Chester	Unger, R. † <i>e</i>	164 St. Nicholas ave.
Tunick, R. † <i>e</i>	66 Traverse ave., Port Chester		741 Elm, Arlington, N. J.
Turk, M. <i>c</i>	632 E. 11	Unnewehr, E. C. <i>gr</i>	417 W. 120
Turk, R. J. <i>c</i>	531 W. 113	Unson, S. <i>bu</i>	320 W. 111
Turkel, H. L. <i>m</i>	131 E. 58	Untermeyer, F. E. † <i>undl</i>	15 E. 60
Turkeltaub, J. † <i>e</i>	1211 Madison ave.	Untermeyer, H. † <i>e</i>	490 West End ave.
Turner, A. <i>c</i>	Briarcliff Manor	Untermeyer, L. † <i>undl</i>	675 Fifth ave.
Turner, C. A. † <i>pa</i>	622 W. 114	Untermeyer, M. † <i>undl</i>	675 Fifth ave.
Turner, E. J. † <i>e</i>	311 W. 101	Upjohn, A. M. † <i>e</i>	523 W. 121
Turner, J. H. B. <i>c</i>	17 W. 112		

- Upshure, L. T. *e* 16 Cornelia  
 Upton, S. M. † *gr ed* 500 W. 121  
 Urban, J. E. † *ph* 173 Metropolitan ave., Bklyn.  
 Urban, L. *gr* 214 E. 72  
 Urban, M. B. † *gr* Furnald  
 Uris, P. E. *c* 16 W. 96  
 Uslander, B. *pa* 468 Main, Paterson  
 Utz, C. C. † *e* 417 W. 118  
 Uyeda, K. *e* 1110 E. 21, Bklyn.  
 Vail, E. A. † *gr ed* 17 W. 121  
 Vail, L. † *gr ed* 414 W. 121  
 Valentine, A. P. † *b* 225 W. 14  
 Valentine, M. W. † *pa* Whittier  
 Valentine, R. E. *e* 2707 Briggs ave.  
 Valentine, S., Jr. *c* 62 Eighth ave., Bklyn.  
 Valet, E. M. † *gr ed* Palisade  
 Valis, J. A. *uncl* 600 W. 122  
 Valutkevitch, A. *ph* 21 Kingsland ave., Bklyn.  
 Vanacore, J. *ph* 2089 Madison ave.  
 Van Allen, M. M. † *gr ed* 419 W. 121  
 Van Amburgh, E. F. *ed* 38 E. 60  
 Van Anda, G. H. *e* 530 Manhattan ave.  
 Van Brunt, G. G. † *b* 816 Putnam ave., Bklyn.  
 Van Brunt, M. † *e* 1841-84th, Bklyn.  
 Van Brunt, R. *e* 24 E. 198  
 Van Buskirk, A. S. † *gr ed* 21 W. 123  
 Van Buskirk, G. L. *e* 21 W. 123  
 Van Buskirk, R. C. *c* 606 W. 114  
 Vance, E. W. † *e* 417 W. 114  
 Vance, J. M. *gr ed* 417 W. 114  
 Vance, M. H. † *gr ed* 106 Morningside Dr.  
 Van Cleve, E. F. *e* 80 Nairn Pl., Newark  
 Van Der Beek, L. W. † *e* 9 W. 107  
 Vanderbilt, M. H. † *e* Great Neck  
 Van der Voort Maarschalk, N. *e* 305 Hudson, Hoboken  
 Vanderwater, E. B. *e* 520 W. 123  
 Vander Woude, H. *c* 712 Eighth ave., Bklyn.  
 Van de Bergh, C. *e* 540 W. 165  
 Van Dyke, A. D. † *pa* 501 W. 120  
 Van Dyck, V. *c* Amityville  
 Van Horn, M. † *e* 693 West End ave.  
 Van Houten, K. † *e* 56 Guion, New Rochelle  
 Van Ingen, R. *e* 404 Third, Bklyn.  
 Van Kirk, A. E. † *e* 415 W. 118  
 Van Kirk, A. S. † *e* 100 Morningside Dr.  
 Van Kirk, M. S. † *pa* Furnald  
 Van Ness, M. D. † *e* 21 Van Ness Pl., Newark  
 Van Nort, J. S. *c* 104 Warburton ave., Yonkers  
 Van Nostrand, H. W. † *b* 418 W. 118  
 Van Orden, W. H. *a* Buchanan  
 Van Pelt, H. W. *gr* 419 W. 115  
 Van Raalte, B. E. *c* 10 W. 87  
 Van Raalte, M. E. *c* 616 W. 114  
 Van Riper, G. † *pa* 2771 Boulevard, Jersey City  
 Van Santford, E. G. † *pa* Dumont, N. J.  
 Van Syckle, E. L. † *pa* Leonia  
 Van Tassel, T. I. † *e* 318-31st, Woodcliff  
 Vanura, V. *e* 340 E. 71  
 Van Valkenburg, M. † *ed* 417 W. 120  
 Van Vick, A. M. † *e* 106 Morningside Dr.  
 Van Volkenburgh, E. M. † *pa* 527 W. 121  
 Van Voorish, M. † *e* 140 Livingston, Bklyn.  
 Van Vranken, R. *m* Athenia, N. J.  
 Van Wart, E. † *b* Brooks  
 Van Winkle, M. L. † *e* Whittier  
 Van Wormer, W. E. *gr ed* Westwood, N. J.  
 Van Wyck, W. *gr* 5 W. 83  
 Varbedian, S. S. *und* Presbyterian Hospital  
 Vasiliadi, C. N. *c* 872 Lexington ave.  
 Vassardakis, E. C. † *und* Whittier  
 Vaughan, G. L. † *e* 611 W. 127  
 Vaughan, R. B. *pa* Hollis Court Boulevard, Queens  
 Vaughn, A. M. † *ed* 68 Hamilton ave., Yonkers  
 Vazakas, A. A. *gr* 600 W. 122  
 Veit, V. † *b* 515 W. 110  
 Velte, E. H. *c* 265 Hewes, Bklyn.  
 Veneziano, T. B. † *e* Columbia University  
 Vernen, A. H. † *j* 420 W. 116  
 Vernon, L. *b* 334 Fifth ave.  
 Vexler, F. † *gr* 1382 College ave.  
 Vidal, G. *e* 183 W. 87  
 Vidal, R. *e* 600 W. 142  
 Viggiani, L. A. † *e* 1878 Lexington ave.  
 Villamani, E. † *ph* 204 E. 116  
 Villaume, F. H. *c* 403 W. 123  
 Vincent, D. † *pa* Whittier  
 Vincent, M. † *pa* Whittier  
 Vincent, W. H. *c* 1108 Lincoln Place, Bklyn.  
 Vineyard, S. B. † *pa* Whittier

Vining, R. † *e* German Hospital  
 Viola, A. F. † *e*  
     Commercial ave., Cliffside Park, N. J.  
 Viola, H. E. *e*  
     Commercial ave., Cliffside Park, N. J.  
 Viscardi, J. J. *ph* 154 W. 63  
 Vitale, D. V. *m* 157 Sayre, Elizabeth  
 Viualt, E. R. † *gr* 541 E. 78  
 Vogel, R. M. *l* 523 W. 113  
 Vogel, T. L. † *b* Furnald  
 Vogt, J. M. † *uncl* 135 E. 52  
 Volckening, L. I. *c* 565 W. 113  
 Volk, R. † *b* 31 W. 94  
 Vollmers, H. E. *c* 480 Hudson  
 Volmer, A. K. F. *c* 126 Claremont ave.  
 Volpert, W. *ph*  
 Volpi, J. *e* 919 Bryant ave.  
 Voltmer, L. C. † *e* 2435 Morris ave.  
 Von Arx, W. C. *e*  
     149 Harrison ave., Jersey City  
 Von Auer, A. P. † *e* 430 W. 124  
 von Berg, E. L. † *pa* Furnald  
 von Bernuth, A. F. *l* 614 W. 113  
 von Bernuth, G. N. *e* 57 W. 68  
 von Bernuth, H. † *e* 57 W. 68  
 von Bernuth, I. † *e* 57 W. 68  
 von Bernuth, L. E. † *e* 136 W. 71  
 von Deesten, F. M. † *b*  
     618 Garden, Hoboken  
 von der Osten, A. L. † *e* 754 Prospect ave.  
 von Eltz, L. † *b* 171 W. 81  
 Von Emburgh, G. H., Jr. *m*  
     378 Chestnut, Arlington, N. J.  
 Von Grimm, A. Jr. *m* 227 E. 68  
 von Heimburg, E. J. † *e* 542 W. 124  
 Von Holten, A. F. † *b* 270 Franklin, Bklyn.  
 Von Kalva-Winter, M. † *e*  
     Schwab House, University Heights  
 von Wiegand, C. E. † *uncl* 25 W. 74  
 Voorhees, A. L. *ph*  
     Main, Branchville, N. J.  
 Voorhees, H. A. † *e* 699 W. 127  
 Voras, J. *e*  
     148 Webster ave., Long Island City  
 Vorhaus, A. † *b* 160 E. 80  
 Vorhaus, L. R. † *e* 385 Central Pk. West  
 Vorsanger, B. M. *ph* 310 W. 16  
 Vreeland, H. L. † *pa* 31 E. 71  
 Vroman, E. E. † *e* 160 Claremont ave.  
 Vroom, M. A. † *pa*  
     271 Richmond ave., Pt. Richmond  
 Vroom, M. E. † *gr*  
     271 Richmond ave., Pt. Richmond

Wachenheimer, R. † *b* 502 W. 113  
 Wachman, M. † *pa* 889 St. Nicholas ave.  
 Wachsler, J. *e* 400 W. 151  
 Wachsmann, H. *c*  
     210 St. and Bainbridge ave.  
 Wacht, J. *c* 539 W. 163  
 Wacker, H. P. *e* 101 W. 73  
 Wadel, F. B. *c* Hartley  
 Wadleigh, J. B. *gr ed*  
     384 De Wolfe Pl., Hackensack  
 Wadler, R. † *e* 420 Riverside Dr.  
 Wadsworth, L. A. † *e* 1230 Amsterdam ave.  
 Wadsworth, R. F. † *e*  
     42 Sunnyside Dr., Yonkers  
 Waentig, P. E. *e* 503 First, Bklyn.  
 Wagenheim, F. R. † *b* Furnald  
 Wager, J. L. † *pa* Whittier  
 Waghorn, G. A. † *ed* 646 Monroe, Bklyn.  
 Wagler, A. C. *pa*  
     442 Church St., Richmond Hill  
 Wagman, W. *c* 594 Sutter ave., Bklyn.  
 Wagner, E. W. † *e* 243 E. 68  
 Wagner, G. P. *e* 380 St. Nicholas ave.  
 Wagner, P. M. *pa*  
     434 S. Belmont ave., Newark  
 Wagner, R. Jr. *mec* 160 Claremont ave.  
 Wagoner, M. B. † *e* Whittier  
 Wainger, E. *ph* 11 E. 118  
 Waite, M. G. † *gr ed* 503 W. 121  
 Wakefield, R. B. † *gr* 416 W. 122  
 Wakeman, C. L. † *e* Whittier  
 Wakeman, M. C. † *pa*  
 Waldecker, S. C. *e* 209 W. 106  
 Walden, G. V. K. † *e* Hotel Woodward  
 Waldman, R. *c* 345 Henderson, Jersey City  
 Waldron, J. W. *l*  
     717 Washington, Hoboken  
 Wales, H. Jr. *gr* 538 W. 114  
 Walfson, T. † *gr* 2032 Grove, Bklyn.  
 Walker, A. † *e* 401 W. 118  
 Walker, A. M. † *gr ed* Furnald  
 Walker, B. † *e* 661 E. 242  
 Walker, E. D. *c* Livingston  
 Walker, F. † *uncl*  
 Walker, P. † *gr* 420 W. 121  
 Walkers, A. L. Jr. 33 E. 77  
 Wallace, F. O. † *e* 40 E. 58  
 Wallace, H. R. † *b* 777 West End ave.  
 Wallace, J. *e* 22 W. 16  
 Wallace, L. E. † *e* 425 W. 160  
 Wallace, M. M. † *uncl* Furnald  
 Wallace, S. C. *c* 426 W. 44  
 Wallace, S. E. † *e* 425 W. 160

Wallack, E. <i>e</i>	1418 Broadway	Waring, B. E. † <i>pa</i>	Furnald
Waller, A. P. N. † <i>gr</i>	99 Claremont ave.	Waring, J. F. <i>e</i>	866 E. 180
Wallerstein, B. † <i>b</i>	35 E. 29	Waring, P. A. Jr. <i>c</i>	324 Pleasant ave.
Wallis, A. A. † <i>uncl</i>	150 W. 65	Warner, A. B. † <i>e</i>	Irvington
Wallis, M. V. † <i>e</i>	103 Herkimer, Bklyn.	Warner, E. † <i>pa</i>	Whittier
Wallnapp, W. F. <i>c</i>	1916 Cornelia, Bklyn.	Warner, G. B. † <i>gr ed</i>	510 W. 124
Walser, E. Z. † <i>pa</i>	1230 Amsterdam ave.	Warren C. T. † <i>e</i>	12 Osborn, White Plains
Walser, V. E. † <i>b</i>	296 Sterling Pl., Bklyn.	Warren, E. † <i>e</i>	10 Mead ave., Greenwich, Conn.
Walsh, E. A. † <i>e</i>	500 Park ave.	Warren, M. A. † <i>e</i>	32 E. 38
Walsh, E. A. † <i>gr ed</i>	404 W. 116	Warren, M. B. † <i>b</i>	289 Warburton ave., Yonkers
Walsh, H. V. <i>m</i>	25 E. 128	Warren, M. M. † <i>e</i>	Furnald
Walsh, J. F. <i>m</i>	432 W. 57	Warren, R. D. † <i>pa</i>	Whittier
Walsh, M. C. <i>c</i>	148 Park Hill ave., Yonkers	Warshawsky, S. <i>c</i>	708 Georgia ave., Bklyn
Walsh, M. N. <i>e</i>	126 W. 83	Warshow, J. <i>l</i>	283 Montauk ave., Bklyn.
Walsh, N. † <i>pa</i>	4241 Broadway	Washburn, M. L. † <i>uncl</i>	70 Morningside Dr.
Walsh, N. E. † <i>pa</i>	106 Morningside Dr.	Washburn, M. W. † <i>ed</i>	1615 Benson ave.
Walsh, W. F. <i>e</i>	321 Livingston, Elizabeth	Washburn, O. A. † <i>uncl</i>	548 Riverside Dr.
Walter, C. E. † <i>e</i>	154 W. 73	Waterbury, E. † <i>b</i>	Furnald
Walter, E. G. † <i>pa</i>	1086 Dean, Bklyn.	Waterbury, N. M. † <i>e</i>	539 Highland ave., Westfield, N. J.
Walton, J. M. <i>c</i>	Hartley	Waterman, F. M. <i>e</i>	71 Broadway
Walton, S. G. <i>c</i>	668 E. 179	Waterbury, R. A. <i>c</i>	627 W. 113
Waltz, A. F. <i>e</i>	503 W. 149	Waterman, H. † <i>ed</i>	Furnald
Waltz, J. W. <i>e</i>	503 W. 149	Waterman, M. † <i>e</i>	Furnald
Waltzer, N. <i>c</i>	456 E. 175	Waterman, W. C. <i>gr</i>	309 Park ave.
Wandell, M. † <i>pa</i>	Whittier	Waters, F. L. † <i>pa</i>	419 W. 119
Wandres, C. T. <i>c</i>	3411 Third ave.	Waters, K. S. † <i>pa</i>	110 Morningside Dr.
Wang, C. <i>gr</i>	1124 Amsterdam ave.	Waters, M. † <i>e</i>	419 E. 56
Wang, C. S. <i>gr</i>	Union Theol. Seminary	Waters, V. E. † <i>pa</i>	Furnald
Wang, H. F. <i>mec</i>	Livingston	Waterstone, S. † <i>e</i>	15 Vose ave., S. Orange
Wang, W. P. <i>gr ed</i>	408 W. 115	Wathen, E. K. † <i>ed</i>	305 W. 45
Wangshia, C. <i>gr</i>	415 W. 115	Watkins, D. † <i>pa</i>	Whittier
Wansch, A. B. † <i>e</i>	188 Wadsworth ave.	Watkins, V. M. † <i>gr</i>	Furnald
Waple, C. T. † <i>pa</i>	Whittier	Watriss, M. † <i>pa</i>	37 E. 71
Wappler, M. † <i>pa</i>	62 Berkeley ave., Yonkers	Watson, E. † <i>pa</i>	405 W. 118
Warburton, G. B. † <i>e</i>	371 W. 117	Watson, E. P. † <i>pa</i>	Whittier
Warburton, H. <i>e</i>	371 W. 117	Watson, G. A. † <i>e</i>	New Rochelle
Ward, C. † <i>b</i>	537 Eighth, Bklyn.	Watson, L. N. † <i>e</i>	Edgewater
Ward, D. † <i>pa</i>	Whittier	Watson, M. † <i>ed</i>	512 W. 122
Ward, F. T. <i>c</i>	600 W. 192	Watson, R. G. <i>m</i>	345 W. 55
Ward, G. J. † <i>pa</i>	222 W. 114	Watson, R. W. † <i>ed</i>	299 Orange Rd., Montclair
Ward, J. V. <i>mec</i>	222 W. 114	Watt, E. † <i>e</i>	101 Highland ave., Yonkers
Ward, L. S. <i>e</i>	13 W. 124	Wattenberg, J. <i>e</i>	960 Prospect ave.
Ward, M. † <i>pa</i>	Whittier	Wattenstein, A. <i>e</i>	24 W. 117
Ward, M. A. † <i>e</i>	540 W. 122	Watts, F. E. † <i>pa</i>	Whittier
Ward, M. C. † <i>e</i>	430 W. 118	Watts, R. Jr. <i>c</i>	131 Riverside Dr.
Ward, P. T. <i>l</i>	310 W. 95	Waug, H. C. <i>gr</i>	Hartley
Ward, P. W. <i>gr</i>	Riverdale Country School	Waugh, B. <i>e</i>	103 W. 44
Ward, R. D. † <i>b</i>	717 W. 177	Waugh, J. R. <i>m</i>	343 W. 23
Wardell, M. M. † <i>gr</i>	422 W. 43		
Ware, A. E. † <i>gr</i>	430 W. 118		
Ware, F. E. † <i>pa</i>	146 Fifth, Elizabeth		
Ware, G. M. † <i>gr</i>	417 W. 120		

Waugh, Z. † *e* 428 Bellevue ave., Yonkers  
 Way, J. † *pa* 614 W. 136  
 Wayman, M. † *gr* 166 Beach, Stapleton  
 Wead, M. † *e* 419 W. 119  
 Weary, E. H. † *b* 420 W. 121  
 Weatherby, G. † *e* Hackensack, N. J.  
 Weatherly, A. S. † *gr ed* Whittier  
 Webb, E. W. † *gr ed* 510 W. 124  
 Webb, G. R. *mec* Livingston  
 Webb, L. O. † *gr ed*  
 Weber, A. † *e* Blauvelt  
 Weber, A. R. † *pa* Fernald  
 Weber, G. M. † *e* 358-79th, Bklyn.  
 Weber, J. E. *e* 430 W. 122  
 Weber, J. W. *m* 302 W. 92  
 Weber, P. *gr* 824 Bloomfield, Hoboken  
 Weber, S. K. † *ed* 824 St. Nicholas ave.  
 Weber, W. T. *e* 520 Morris Park ave.  
 Webster, M. A. *ed* Westfield, N. J.  
 Webster, O. M. † *pa* 400 W. 118  
 Wechsler, A. F. *c* 98 First  
 Wechsler, E. † *e* 400 W. 151  
 Wechsler, H. F. *c* 98 First  
 Wechsler, I. S. *e* 212 E. 12  
 Wechsler, J. *e* 400 W. 151  
 Wechsler, J. J. *c* 409 First, Hoboken  
 Wechsler, R. *gr* 795 De Kalb ave., Bklyn.  
 Weed, L. D. † *ed*  
 39 S. Eighth ave., Mt. Vernon  
 Week, S. M. † *e*  
 341 Cottage Pl., Weehawken  
 Weekes, C. *e* 2127 Madison ave.  
 Weekly, P. E. † *e* 546 W. 124  
 Weeks, C. P. *gr ed*  
 19 Crescent ave., New Brighton  
 Wegener, H. L. † *b* 610 W. 116  
 Wegner, A. V. † *e* 245 E. 75  
 Wehr, E. † *e* 1240 Park ave., Hoboken  
 Weidmann, R. R. *e* 600 W. 113  
 Wiers, L. M. † *b* 161 Lloyd Rd., Montclair  
 Weigele, C. E. *m*  
 147 Garrison ave., Jersey City  
 Weikel, A. H. *uncl* 145 E. 21  
 Weil, A. J. *e* 215 W. 23  
 Weil, A. P. † *b* 736 West End ave.  
 Weil, C. J. *c* 616 W. 114  
 Weil, D. P. † *b* 736 West End ave.  
 Weil, M. † *gr* 3162 Pacific, Bklyn.  
 Weiler, E. W. *mec* 552 W. 114  
 Weiler, R. *m* Hotel Marie Antoinette  
 Weiler, M. G. Jr. *c* 333 Central Park West  
 Weilerstein, B. R. *gr* 25 E. 104  
 Weill, D. A. *c* 150 W. 119

Weimer, R. M. *bu* 1161 Amsterdam ave.  
 Weinberg, A. O. *gr* 326 Roebling, Bklyn.  
 Weinberg, P. A. † *e* 465 West End ave.  
 Weinberg, D. E. *uncl* 66 E. 111  
 Weiner, D. *e* 438 W. 213  
 Weiner, E. † *e* 276 Boulevard, Bedford Pk.  
 Weiner, M. *c* 523 W. 113  
 Weiner, N. E. † *b* 250 W. 82  
 Weingart, R. A. † *e* 2178 Broadway  
 Weinhandler, M. *l* 203 W. 103  
 Weinstein, A. *m* 18 E. 105  
 Weinstein, E. † *e* 296 Lenox Rd., Bklyn.  
 Weinstein, I. *ph* 396 Grand  
 Weinstein, L. *m* 403 E. 52  
 Weinstein, M. *c* 17 W. 120  
 Weinstein, M. N. *e* 91 Utica ave., Bklyn.  
 Weinstein, S. *c* 19 W. 120  
 Weinstein, S. *e* 1397 Stebbins  
 Weinstock, G. J. *gr ed* 129 Suffolk  
 Weinstock, H. I. *c* 77 St. Marks Pl.  
 Weintraub, F. † *e* 826 Trinity ave.  
 Weintraub, P. *l* 144 Ave. C  
 Weintraub, S. *c* 143 W. 116  
 Weintraub, S. *m* 1054 Third ave.  
 Weinzweig, M. *c*  
 680 Glenmore ave., Bklyn.  
 Weis, I. † *e* 419 W. 119  
 Weisberg, H. E. † *e* 1068 Franklin ave.  
 Weisenberg, M. *gr ed* 1301 Clay ave.  
 Weisheit, E. F. *e* 507 E. 145  
 Weisman, R. K. † *bu* 2 W. 120  
 Weiss, C. A. † *e* 490 West End ave.  
 Weiss, D. D. *e* 373 E. 8  
 Weiss, E. A. *j* 1831 Seventh ave.  
 Weiss, F. E. † *e* 801 West End ave.  
 Weiss, H. A. † *e* 1540-54th, Bklyn.  
 Weiss, J. 309 E. 79  
 Weiss, M. H. *c* 1 Baldwin ave., Newark  
 Weiss, P. M. † *gr* 95 Milford ave., Newark  
 Weiss, S. *ph* 93 Wildey, Tarrytown  
 Weiss, S. *e* 590 E. 138  
 Weiss, S. *ph* 465 Henderson, Jersey City  
 Weiss, T. T. *e* 1222 Boston Rd.  
 Weissberger, J. *e* 549 E. 139  
 Weissbraum, A. † *gr ed* 509 W. 122  
 Weissenborn, H. C. *m*  
 505 Wythe ave., Bklyn.  
 Weissman, H. B. *gr* 10 E. 110  
 Weissman, W. † *e* 310 Windsor Pl., Bklyn.  
 Weitman, H. *e* 751 E. 5  
 Weitzman, C. *m* 1442-70th, Bklyn.  
 Weitzman, J. *c* 64 First  
 Welch, A. † *e* 120 N. 15th, Flushing

- Welch, H. F. † *uncl* 512 W. 122  
 Welch, K. L. † *e* 462 Van Cortlandt Pk. ave., Yonkers  
 Welding, J. R. *m* Livingston  
 Weldon, D. † *pa* 438 W. 116  
 Welker, H. † *e* 2653 E. 26, Bklyn.  
 Welkowitz, S. *gr ed* 294 E. 3  
 Welleck, M. N. † *b* 8729 Twentieth ave., Bklyn.  
 Weller, E. † *e* 552 Second, Bklyn.  
 Weller, LeR. *gr* 574 W. 192  
 Welles, A. H. † *pa* Whittier  
 Welles, L. M. † *gr ed* 704 W. 180  
 Wellman, W. *j* Livingston  
 Wells, B. B. † *gr* 509 W. 121  
 Wells, C. † *e* 130 Claremont ave.  
 Wells, C. † *ed* 275 Park, Hackensack  
 Wells, E. M. † *gr ed* 127 W. 62  
 Wells, F. C. † *e* 246 E. 105  
 Wells, F. X. † *ed* 523 W. 121  
 Wells, H. W. *gr* 567 W. 113  
 Wells, M. † *gr* 80 Quincy, Bklyn.  
 Wells, M. L. † *gr ed* 414 W. 118  
 Wells, P. P. † *e* 523 Madison ave.  
 Wells, R. *e* Scarsdale  
 Wells, F. C. † *e* 246 E. 105  
 Wells, R. K. † *ed* 1230 Amsterdam ave.  
 Wellwood, G. T. † *pa* 17 W. 177  
 Wellwood, M. † *gr ed* 541 Lexington ave.  
 Welp, G. L. *e* 316 Haven ave.  
 Wellwood, M. † *uncl* 541 Lexington ave.  
 Welt, B. *c* 209 S. 9, Bklyn.  
 Weltz, S. *c* 478 Seventh ave.  
 Welzmler, G. R. † *b* 1453 Bryant ave.  
 Wembridge, H. A. *gr* 124 Pierrepont, Bklyn.  
 Wemyss, H. B. † *ed* 519 W. 121  
 Wendel, K. W. *e* 361 Peshine ave., Newark  
 Wenger, H. L. *c* 367 Vernon ave., Bklyn.  
 Wenman, F. A. *c* 840 Union, Bklyn.  
 Wennagel, G. F. *e* 26 Siboutsen, Corona  
 Went, R. E. *e* 220 Marcy ave., Bklyn.  
 Wenz, W. J. *e* 116 Fourteenth, Hoboken  
 Werden, E. *e* 311 N. Fulton ave., Mt. Vernon  
 Werner, M. V. † *b* 742 St. Nicholas ave.  
 Wershub, L. *e* 156 W. 84  
 Wertheimer, M. S. † *gr* 130 Claremont ave.  
 Wesendonck, M. † *b* 311 W. 103  
 Wesley, M. † *pa* Whittier  
 West, E. R. *ed* 1 Forrest, Kearny, N. J.  
 West, F. L. † *gr ed* Whittier  
 West, L. F. *gr ed* 384 Jay, Bklyn.  
 West, R. N. *c* 527 Riverside Dr.  
 West, R. O'N. *c* 419 W. 110  
 West, S. G. † *b* 431 W. 121  
 Westall, M. † *uncl* 416 W. 122  
 Westcott, P. S. † *gr* 602 W. 139  
 Westcott, S. N. † *e* 452 W. 22  
 Westerbeke, W. H. *l* 429 W. 117  
 Westermann, H. L. *cl* 116 Amsterdam ave.  
 Westfall, G. † *ed* Hackensack  
 Westgate, M. E. † *pa* 1230 Amsterdam ave.  
 Westheimer, J. R. *m* 244 W. 64  
 Weston, A. J. *gr* 160 N. 18, E. Orange  
 Weston, C. G. *m* 559 W. 191  
 Weston, R. † *b* Furnald  
 Westrup, C. W. *e* 1007 Grant ave.  
 Wethey, G. † *b* Brooks  
 Wettels, L. S. *c* 791 Dawson  
 Wever, E. H. *e* 116 W. 119  
 Weygandt, L. J. † *b* 154 Hester  
 Whaley, V. C. M. † *e* 251 Kosciusko, Bklyn.  
 Wheadon, A. E. † *e* 130 Claremont ave.  
 Wheat, F. M. *gr ed* 2483 University ave.  
 Wheat, L. M. † *b* Brooks  
 Wheeler, G. R. † *e* 1 Johnson ave., Spuyten Duyvil  
 Wheeler, P. M. † *e* Tenafly  
 Wheeler, T. A. † *pa* Northport  
 Whelpley, E. † *b* Halsted Pl., Rye  
 Whinston, S. *e* 1807 Clinton ave.  
 Whipple, C. † *b* Furnald  
 Whipple, C. A. † *gr* 99 Claremont ave.  
 Whipple, M. C. † *e* 419 W. 119  
 Whitaker, L. N. C. † *gr ed* 519 W. 121  
 White, C. † *pa* Furnald  
 White, C. D. † *b* 750 Carroll, Bklyn.  
 White, E. S. † *e* 244 Spring  
 White, F. A. † *e* 120 W. 90  
 White, G. M. † *e* Whittier  
 White, G. S. † *gr ed* Whittier  
 White, H. D. *gr ed* 2672 Boulevard, Jersey City  
 White, H. D. † *b* 750 Carroll, Bklyn.  
 White, H. M. † *b* 190 Vreeland ave., Paterson  
 White, L. A. † *pa* 523 W. 121  
 White, L. S. *e* 161 E. 35, Bklyn.  
 White, M. † *e* 114 W. 123  
 White, M. J. † *pa* 1230 Amsterdam ave.  
 White, P. A. † *e* 194 Park ave., Paterson  
 White, R. † *pa* Whittier  
 White, R. I. *e* 230 W. 105



White, R. J. *m* Livingston  
 White, S. P. † *gr* 414 W. 118  
 White, S. E. † *e* 83 Maple, Yonkers  
 White, W. J. *gr* 175 Ninth ave.  
 Whitehill, C. S. *c* Hartley  
 Whitehead, D. J. *e* 461 Eighth ave.  
 Whitehouse, J. H. W. † *e* 2211 Broadway  
 Whitelaw, J. M. † *ed* 2051 Fifth ave.  
 Whiteley, S. † *e* 138 W. 81  
 Whiteman, E. J. † *ed*  
 Whitenack, M. du M. † *e*  
 79 Mountain ave., Somerville, N. J.  
 Whitfield, M. D. † *gr* 120 Haven ave.  
 Whiting, C. V. † *gr* Furnald  
 Whitlock, H. V. † *e* Scarsdale  
 Whitman, H. B. † *e* 210 Riverside Dr.  
 Whitman, M. H. † *e* 411 W. 114  
 Whitmer, M. † *e* Whittier  
 Whitmore, E. E. † *gr* Whittier  
 Whitney, A. L. † *pa* 400 W. 118  
 Whitney, C. F. † *e* 70 Grove, Passaic  
 Whitson, B. *e* 547 W. 157  
 Whittaker, L. P. † *e* Grantwood  
 Whittier, R. L. *e* 75 Seventh ave.  
 Whittles, L. J. *m* 318 W. 57  
 Whitworth, O. M. † *gr ed*  
 106 Morningside Dr.  
 Whorf, F. P. † *e* 634 W. 158  
 Whyte, A. T. † *gr ed*  
 45 Arlington ave., E. Orange  
 Whyte, B. M. † *b* Barnard  
 Wichelns, A. † *gr ed*  
 635 Prospect Pl., Bklyn.  
 Wickham, E. M. † *b* 215 Manhattan ave.  
 Widder, M. † *pa*  
 141 N. Eighth ave., Mt. Vernon  
 Widmer, W. E. *mec* 429 W. 117  
 Wielandt, H. N. *e* 609 Westchester ave.  
 Widrevitz, L. † *b* 2151 Walton ave.  
 Wiener, A. † *e* Bound Brook, N. J.  
 Wiener, M. G. † *b* 62½ Nelson Pl., Newark  
 Wiers, L. M. † *b*  
 161 Lloyd Rd., Montclair  
 Wiese, M. † *e* Sagamore Pk., Bronxville  
 Wiesenberger, A. *c* 58 E. 93  
 Wiesen, N. *e* 182 Broom  
 Wiesenthal, J. † *e* 946 Leggett ave.  
 Wieser, B. *c* 2270 Broadway  
 Wiesner, D. E. † *e* Mamaroneck  
 Wiggins, H. H. Jr. *c* Floral Park  
 Wiggins, T. D. *gr ed* 400 W. 118  
 Wikander, E. † *gr* 241 E. 71

Wiking, S. F. *e* 372 Manhattan ave.  
 Wilber, A. B. *m* Fairview ave., Tarrytown  
 Wilbur, M. H. † *gr ed* 421 W. 118  
 Wilby, K. † *e* 58 Bradford, Bklyn.  
 Wilcox, F. † *pa* 510 W. 123  
 Wilcox, H. B. † *b* 601 W. 190  
 Wilcox, H. L. † *e* 106 E. 52  
 Wilcox, M. † *e* 400 W. 118  
 Wild, E. E. † *j* 291 Clinton ave., Bklyn.  
 Wildberg, J. Jr. *c* 345 W. 88  
 Wildermann, R. F. M. *e*  
 7 Eldorado Pl., Weehawken  
 Wilding, F. C. † *e* 33 Emerson, E. Orange  
 Wildman, E. V. *e* 836 Dawson  
 Wildrick, C. D. *gr ed* Highwood, N. J.  
 Wilensky, N. W. *c* 4 E. 108  
 Wiles, M. E. *c* Hartley  
 Wilhelm, S. F. *m* 408 E. 88  
 Wilkens, M. H. † *b* 284 Alexander ave.  
 Wilkens, R. A. † *ed* Roselle Park, N. J.  
 Wilkes, H. E. † *e* Chester Pk., Pelham  
 Wilks, H. V. *c* 550 W. 114  
 Wilkins, B. *e* 310 E. 18  
 Wilkinson, G. T. *gr* 561 W. 189  
 Wilkinson, H. C. *m* 346 W. 57  
 Wilkinson, W. A. *gr ed* Livingston  
 Will, A. † *e* 527 W. 123  
 Willans, J. N. † *e* 132 E. 45  
 Willard, E. G. † *ed* 76 Broad, Newark  
 Willard, F. † *pa* 40 Irving Pl.  
 Willard, M. W. † *ed* 40 Irving Pl.  
 Willets, C. E. *e* 182 Richmond, Bklyn.  
 Willey, C. R. † *bu* Furnald  
 William, H. † *b* 110 W. 128  
 William, M. † *e* 93 Grove, Flushing  
 Williams, A. *e* 4 Bode, Elmhurst  
 Williams, C. D. †  
 637 Napier ave., Richmond Hill  
 Williams, C. E. † *b*  
 17 Lincoln ave., Roselle Pk., N. J.  
 Williams, C. H. † *pa* 304 Broad, Newark  
 Williams, G. D. † *pa* 416 W. 122  
 Williams, G. H. *c* 630 W. 135  
 Williams, G. I. † *gr ed* 414 W. 118  
 Williams, H. B. *e* 47 Claremont ave.  
 Williams, J. † *e* 132 E. 45  
 Williams, L. *a* 527 W. 121  
 Williams, L. S. † *e* 35 Cambridge Pl., Bklyn.  
 Williams, M. K. † *e* 33 W. 67  
 Williams, M. O. † *pa* 1230 Amsterdam ave.  
 Williams, M. T. *e* Piermont  
 Williams, M. V. † *e* 343 W. 46

- Williams, R. B. *l*  
137 Summit ave., Summit, N. J.
- Williams, S. L. *† bu* 2940 Broadway
- Williams, T. C. *gr ed* 530 W. 123
- Williams, V. D. *† b* 1356 Pacific, Bklyn.
- Williams, V. K. *† b* 450-6th, Bklyn.
- Williams, W. *† pa* 530 W. 123
- Williams, W. T. *e* 65 E. 129
- Williamson, E. J. *e* 909 Flatiron Bldg.
- Williamson, H. F. *† b*  
559 Willoughby ave., Bklyn.
- Williamson, L. G. *† e* 509 W. 121
- Williamson, M. H. *† e* 421 W. 121
- Williamson, M. J. *e* 344 W. 36
- Williamson, P. B. *† ed*  
106 Morningside Dr.
- Willink, C. M. *† e* 35 E. 62
- Willman, E. *† b* 352 W. 117
- Willoughby, L. R. *† pa* Whittier
- Willrich, E. *† e* 3117-3129 Broadway
- Willson, H. L. *e* 138 E. 38
- Willson, M. B. *† pa* Whittier
- Willyoung, D. C. *† b*  
129 S. Irving, Ridgewood
- Wilshusen, H. F. *c* 455 W. 143
- Wilson, A. *e* 32 Morningside ave.
- Wilson, C. O. *† gr ed* Whittier
- Wilson, C. T. *† gr ed*  
60 N. Walnut, E. Orange
- Wilson, E. *ph* 5 Stratford Rd., Bklyn.
- Wilson, E. D. *† ed* Furnald
- Wilson, E. H. Jr. *e* 308-16th, Bklyn.
- Wilson, E. N. *† ed* 105 Corlies ave., Pelham
- Wilson, F. A. *† pa* 1580 Amsterdam ave.
- Wilson, F. E. *gr* 412 W. 115
- Wilson, F. M. *† gr ed* Furnald
- Wilson, F. R. *c*
- Wilson, G. A. *ph* 84 W. Main, Patchogue
- Wilson, G. M. *gr ed* 540 W. 122
- Wilson, H. M. *† e* 321 W. 15
- Wilson, J. *e* 216 Belleville ave., Newark
- Wilson, L. B. *† pa* Roosevelt Hospital
- Wilson, M. L. *gr* 576 W. 161
- Wilson, W. B. *e* 104 Bruen, Newark
- Wimmer, A. *† e* 1072 Park ave.
- Winans, L. H. *† ed* Oradell, N. J.
- Winchell, C. W. *pa* 150 Sip ave., J. C.
- Winckler, R. B. *† pa* Whittier
- Windman, R. *gr* 52 E. 107
- Winford, A. *† uncl* 523 W. 121
- Winer, R. *† e* 140 Rodney, Bklyn.
- Wingate, F. *† a* 1230 Amsterdam ave.
- Winkelstein, O. L. *c* 621 Ditmas ave., Bklyn.
- Winkin, C. S. *† gr* Morsemere, N. J.
- Winner, P. H. *c* Hartley
- Winslow, G. J. *† pa* 110 Morningside Dr.
- Winston, A. *m* 60 Second ave.
- Winston, D. *gr* 600 W. 122
- Winterfield, S. M. *† e* 404 E. 65
- Winters, J. C. *† gr ed* 106 Morningside Dr.
- Wintress, J. N. *e* 9 W. 65
- Wirklich, H. W. *m* 313 E. 79
- Wischer, R. *† e* 220 W. 140
- Wise, H. A. *e* 790 Riverside Dr.
- Wise, M. C. *† ed* 941 South, Elizabeth
- Wise, S. H. *m* 345 W. 55
- Wiseman, H. *† e* 1510 Park ave.
- Withus, C. M. *c* 1776 E. Tremont ave.
- Witt, R. *† pa* 68 Boerum ave., Flushing
- Witte, J. *† b* Furnald
- Witteman, H. *† e* Furnald
- Wittlinger, B. *† b* 86 Lawrence
- Wittner, H. D. *† pa*  
195 St. Nicholas ave., Bklyn.
- Wittpenn, E. A. *† e*  
320 Communipaw ave., Jersey City
- Woehnert, E. *† e* 1230 Amsterdam ave.
- Wofford, H. L. *bu* Hartley
- Woglom, E. P. *† e* 110 Morningside Dr.
- Woglom, W. H. *e* 110 Morningside Dr.
- Wohl, M. I. *ph* 165 Ludlow
- Wolcott, A. Z. *† gr ed* 514 W. 122
- Wolf, B. F. *† uncl* 5 W. 69
- Wolf, D. H. *e* 125 W. 115
- Wolf, R. *e* 68 W. 117
- Wolf, G. G. *† e* 562 W. 148
- Wolf, H. *ph* 1424 Bryant ave.
- Wolf, I. M. *e* 3671 Broadway
- Wolf, J. M. *l* 44 Anderson ave., Palisade
- Wolf, L. C. *† b* 5 W. 69
- Wolf, R. L. *l* 44 Anderson ave., Palisade
- Wolfe, E. *e* 1334 First ave.
- Wolff, C. *e* Hotel Majestic
- Wolff, E. M. *e* 305 W. 125
- Wolff, F. G. *c* 490 Riverside Dr.
- Wolff, H. R. *† e* 26 W. 87
- Wolff, I. *e* 26 W. 87
- Wolff, L. *† pa* 490 Riverside Dr.
- Wolff, M. J. *c* 528 W. 131
- Wolff, V. S. *† e* Monterey Hotel
- Wolfson, A. *e* 41 Thatford ave., Bklyn.
- Wolfson, F. *† gr* 1515 Brook ave.
- Wolfson, G. *gr* 36 Seventh
- Wolfson, J. *e* 2246 Washington ave.
- Wolfson, L. C. *e* 542 W. 112
- Wolfson, M. *ph* 579 Fifth ave., Bklyn.

Wolin, P. N. *ph* 80 Rockaway ave., Bklyn.  
 Wolkowitz, H. A. *† e* 306 W. 41  
 Wollan, M. *ph* 125 Madison  
 Womersley, A. *e*  
     63 Somerset, Garfield, N. J.  
 Wolo, P. J. *gr ed* 600 W. 122  
 Wolowitz, A. C. *l*  
     499 Riverdale ave., Bklyn.  
 Woltmann, J. H. *c* 108 Macon, Bklyn.  
 Wong, M. T. *ed* 505 W. 124  
 Wong, Y. S. *gr* 16 Pell  
 Wood, B. J. *† e* 35 W. 131  
 Wood, LaV. *† gr ed* 415 W. 118  
 Wood, E. E. *† gr*  
 Wood, F. G. *† e* 16 Hope, Ridgewood, N. J.  
 Wood, H. P. *† pa* Ridgewood, N. J.  
 Wood, L. M. *† b* 478 State, Bklyn.  
 Wood, M. C. *† pa* 826 Amsterdam ave.  
 Wood, M. T. *† b*  
     2 S. Broadway, Tarrytown  
 Wood, N. *† e* 419 W. 119  
 Wood, O. W. *l* Livingston  
 Wood, W. V. *j* Hartley  
 Woodard, H. Q. *† b* 620 W. 116  
 Woodcock, N. A. *e* 605 W. 181  
 Woodford, M. B. *† gr ed*  
     1230 Amsterdam ave.  
 Woodley, J. A. *e* 432 W. 124  
 Woodman, S. P. *† gr* 561 W. 186  
 Woodruff, J. H. *† gr ed* 509 W. 121  
 Woods, I. V. *† e*  
 Woods, W. P. *ed* Hartley  
 Woodul, L. M. *† gr* 1230 Amsterdam ave.  
 Woodward, E. C. *† e*  
     427 Fowler ave., Pelham Manor  
 Woodward, S. J. *† gr*  
     136 Montague, Bklyn.  
 Wooley, R. *† e*  
     564 Van Cortlandt Park ave., Yonkers  
 Woolf, K. *† e* 90 Morningside Dr.  
 Woolsey, M. M. *† pa* Harlem Hospital  
 Wooten, B. A. *gr* 3099 Broadway  
 Worden, F. C. P. *c* 74 W. 103  
 Work, L. T. *c* 65 Colgate ave., Yonkers  
 Works, B. *† gr ed* 1230 Amsterdam ave.  
 Wormser, R. A. *l* 100 W. 91  
 Worshub, L. *e* 156 W. 84  
 Worthen, R. H. *e* 3315 Broadway  
 Worthington, J. E. Jr. *l*  
     28 Vernon Terr., E. Orange  
 Wray, R. *e* Closter, N. J.  
 Wright, A. H. *gr* 431 W. 121  
 Wright, B. B. *† pa* Whittier

Wright, C. L. *e* 318 W. 57  
 Wright, E. *† m* 490 Riverside Dr.  
 Wright, E. S. *m*  
     City Hosp., Blackwell's Island  
 Wright, H. K. *gr* 600 W. 122  
 Wright, K. O. *† e* Furnald  
 Wright, L. E. *† ed* Furnald  
 Wright, L. M. *† gr* 424 W. 119  
 Wright, M. E. *† j* Whittier  
 Wright, M. F. *† ed* Furnald  
 Wright, M. McE. *† e* 431 W. 121  
 Wuerch, R. *gr* 500 W. 122  
 Wueste, E. G. *† e* 90 State, Bklyn.  
 Wulff, I. H. *† e* 706 President, Bklyn.  
 Wulfson, V. *e* 346 Broadway  
 Wulp, G. A. *m* 2975 Perry ave.  
 Wunderlich, E. P. *† gr* 309 W. 90  
 Wurster, P. *† pa* 230 W. 105  
 Wurzbach, F. A., Jr. *m* 381 E. 165  
 Wurttenberger, L. J. *† pa* 420 W. 121  
 Würzburger, E. *† e* 342 W. 88  
 Wyatt, L. A. *† pa* Whittier  
 Wyckoff, A. *c* 267 Grand ave., Leonia  
 Wygant, E. B. *† e* 61 W. 130  
 Wykes, A. G. *† e* 857 Lexington ave.  
 Wylie, J. D. *† e* 50 Morningside Dr.  
 Wyman, R. E. *m* 358 W. 58  
 Wyman, M. A. *† gr* Furnald  
 Yablonsky, I. *† e* 273 Penn. ave., Bklyn.  
 Yankauer, W. D. *c* 142 W. 88  
 Yanket, E. *ph* 330 E. 71  
 Yanowitz, H. *ph* 134 Clinton  
 Yarmolinsky, A. *gr* 25 McKibbin, Bklyn.  
 Yarmy, W. *e* 207 E. 40  
 Yasubumi, F. *gr* 216 W. 123  
 Yates, E. T. *† e* Hillsdale, N. J.  
 Yawger, F. P. *† ed*  
     164 Highwood ave., Leonia  
 Yeaton, W. L., Jr. *m* 204-11th, Hoboken  
 Yellen, J. S. *gr* Hotel Bristol  
 Yen, H. C. *gr ed*  
     General Theol. Seminary  
 Yen, S. T. *l* 519 W. 123  
 Yeomans, E. S. *bu* Hartley  
 Verkes, H. A. Jr. *l* 18 Banta, Elmhurst  
 Yglesias, M. *† e* 270 Riverside Dr.  
 Yih-Tze, C. Y. *gr* 526 W. 123  
 Yip, L. H. *c* Hartley  
 Yohn, A. C. *† e* 121 Lexington ave.  
 Yore, B. *† ed*  
 Yoshida, K. *e* 99 Claremont ave.  
 Yost, F. E. L. *m* 318 W. 57  
 Yost, H. S. *† e* Whittier

Yost, M. K. † <i>pa</i>	Whittier	Zeltner, G. A. <i>c</i>	1464 Washington ave.
Young, E. L. † <i>ed</i>	Woodridge, N. J.	Zen, H. C. <i>gr</i>	Hartley
Young, F. E. † <i>e</i>	228 W. 134	Zetkin, M. M. <i>m</i>	24 E. 99
Young, H. † <i>pa</i>		Zeuner, F. H. <i>c</i>	Hastings-on-Hudson
	333 S. Third ave., Mt. Vernon	Zevie, R. † <i>e</i>	143 W. 111
Young, H. D. <i>gr</i>	Hartley	Zichevich, G. <i>e</i>	320 E. 151
Young, I. H. <i>ph</i>		Zickl, R. Jr. <i>e</i>	New Dorp, S. I.
	203 S. Second, Harrison, N. J.	Ziebach, M. M. † <i>gr ed</i>	650 W. 170
Young, J. D. <i>c</i>	312 W. 88	Ziegenhain, J. M. † <i>e</i>	1084 Amsterdam ave.
Young, J. E. † <i>b</i>	312-68th, Bklyn.	Ziegler, H. M. † <i>pa</i>	503 W. 121
Young, R. † <i>pa</i>	Whittein	Ziegler, J. M. <i>c</i>	155 E. 97
Young, R. C. <i>gr</i>	Grantwood	Zilboorg, J. M. <i>c</i>	460 W. 143
Young, R. S. <i>c</i>		Zimand, E. S. † <i>gr ed</i>	107 W. 93
	107 Buena Vista ave., Yonkers	Zimmerman, I. <i>e</i>	238 W. 106
Young, R. S. <i>m</i>	225 W. 86	Zimmerman, J. <i>gr</i>	636 E. 5
Youngman, E. † <i>e</i>	517 W. 142	Zimmerman, M. <i>m</i>	450 W. 14
Youngwood, G. S. <i>l</i>	1061 E. 13	Zimmerman, G. <i>ph</i>	
Youseberg, L. I. <i>c</i>	132 E. 127		180 Monticello ave., Jersey City
Yuan, P. L. <i>c</i>	547 W. 123	Zingali, A. † <i>b</i>	233 W. 109
Yue, D. C. <i>c</i>	1879 Madison ave.	Zinner, O. <i>e</i>	438 W. 116
Yui, S. E. S. <i>uncl</i>	Livingston	Zinnerman, H. M. <i>ph</i>	
Zable, B. D. <i>c</i>	361 W. 116		976 De Kalb ave., Bklyn.
Zabriskie, A. M. † <i>pa</i>	527 W. 121	Zito, F. <i>ph</i>	161 Union ave., New Rochelle
Zabriskie, E. H. <i>e</i>	510 W. 124	Zipkin, A. † <i>e</i>	924 West End ave.
Zaccardo, D. A. <i>ph</i>	641 Third ave.	Zipse, A. E. <i>e</i>	372-7th, Bklyn.
Zachman, M. M. † <i>gr ed</i>	2940 Broadway	Zneimer, E. A. <i>c</i>	Hartley
Zachry, C. B. † <i>ed</i>	54 Morningside Dr.	Zock, J. A. J. <i>c</i>	158 W. 118
Zachry, E. † <i>e</i>	54 Morningside Dr.	Zoellner, H. W. <i>l</i>	Hartley
Zagat, R. B. † <i>b</i>		Zoglin, R. † <i>b</i>	127 W. 82
	Manchester, 108th and Broadway	Zoline, O. B. <i>l</i>	21 Claremont ave.
Zajac, H. M. <i>gr ed</i>	562 Columbus ave.	Zons, C. L. G. † <i>pa</i>	505 W. 164
Zatz, M. <i>e</i>	11 Livingston Pl.	Zuck, E. M. † <i>pa</i>	Coytesville, N. J.
Zaxlund, S. <i>gr</i>	344 W. 28	Zucker, S. J. <i>c</i>	9 Farley ave., Newark
Zazella, H. <i>c</i>	1046 Grant ave.	Zumwinkel, A. C. † <i>gr ed</i>	Furnald
Zeh, W. L. <i>e</i>	243 W. 52	Zweifel, J. J. <i>gr ed</i>	59 E. 130
Zeiger, S. <i>l</i>	157 Van Buren, Bklyn.	Zweighaft, J. F. <i>c</i>	749 West End ave.
Zeimer, H. † <i>e</i>	1155 Park ave.	Zwernemann, E. M. † <i>pa</i>	Furnald
Zeisler, H. <i>e</i>	2170 Belmont ave.	Zychlinski, L. W. <i>mec</i>	452 Cherry
Zellar, G. <i>c</i>	Harrison	Zyve, D. <i>gr</i>	369 W. 116
Zeltner, E. L. <i>e</i>	244 Madison ave.		

## Miscellaneous Addresses

American Association for International Conciliation	407 W. 117
Pan American Division	404 W. 116
Carnegie Endowment for International Peace	407 W. 117
Clerk of the Trustees	63 Wall
College of Pharmacy	115 W. 68
College of Physicians and Surgeons	437 W. 59
Deutsches Haus	419 W. 117

### *Dormitories:*

Brooks	607 W. 116	Hartley	1124 Amsterdam ave.
Furnald	2940 Broadway	Livingston	1116 Amsterdam ave.
Whittier	1230 Amsterdam ave.		

### *Fraternity Houses:*

Alpha Chi Rho	633 W. 115	Phi Kappa Psi	627 W. 113
Alpha Delta Phi	614 W. 113	Phi Sigma Kappa	550 W. 114
Alpha Sigma Phi	435 W. 117	Pi Lambda Phi	523 W. 113
Beta Theta Pi	429 W. 117	Psi Upsilon	627 W. 115
Delta Kappa Epsilon	608 W. 113	Sigma Alpha Epsilon	531 W. 113
Delta Phi	612 W. 116	Sigma Alpha Mu	278 W. 113
Delta Psi	434 Riverside Dr.	Sigma Chi	325 W. 108
Delta Tau Delta	616 W. 113	Sigma Nu	540 W. 113
Delta Upsilon	558 W. 113	Theta Delta Chi	619 W. 113
Phi Delta Theta	565 W. 113	Theta Xi	618 W. 113
Phi Epsilon Pi	625 W. 113	Zeta Beta Tau	616 W. 114
Phi Gamma Delta	538 W. 114	Zeta Psi	546 W. 114

### *Hospitals:*

Knickerbocker Hospital	Amsterdam ave. and 131
Presbyterian Hospital	Madison ave. and 70
Roosevelt Hospital	Ninth ave. and 59
Sloane Hospital for Women	Amsterdam ave. and 59
St. Luke's Hospital	Amsterdam ave. and 113

Maison Française	411 W. 117
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### *Seminaries:*

Drew Theological Seminary	Madison, N. J.
General Theological Seminary	175 Ninth ave.
Union Theological Seminary	Broadway and 120

The Lincoln School	646 Park ave.
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Treasurer	63 Wall St.
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# Summary

## OFFICERS

Professors (not including 2 administrative officers of professorial rank, . . . . .)	183	
Associate Professors . . . . .	56	
Assistant Professors . . . . .	113	
Clinical Professors . . . . .	25	
Associates . . . . .	50	
Instructors . . . . .	216	
Curators . . . . .	2	
Lecturers and other Special Officers of Instruction . . . . .	39	
Assistants . . . . .	54	
Clinical Assistants . . . . .	110	
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UNIVERSITY OFFICERS OF INSTRUCTION . . . . .	848	
OTHER INSTRUCTORS IN TEACHERS COLLEGE . . . . .	137	
OTHER INSTRUCTORS IN COLLEGE OF PHARMACY . . . . .	6	
EXTENSION TEACHING OFFICERS NOT INCLUDED ABOVE . . . . .	134	
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UNIVERSITY OFFICERS OF ADMINISTRATION . . . . .		1125
OTHER OFFICERS OF ADMINISTRATION, BARNARD COLLEGE, TEACHERS COLLEGE, AND COLLEGE OF PHARMACY. . . . .		40
		<hr/>
		1185
EMERITUS OFFICERS . . . . .	17	
OTHER OFFICERS NOT IN ACTIVE SERVICE . . . . .	13	
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TOTAL . . . . .		1215
HORACE MANN SCHOOL AND THE LINCOLN SCHOOL ( <i>not included above</i> ) . . . . .		97

## STUDENTS

	Summer Session	Winter Session	Gross Total
Columbia College . . . . .	212	1,185	1,397
School of Law . . . . .	35	199	234
College of Physicians and Surgeons . . . . .	29	527	556
Schools of Mines, Engineering and Chemistry . . . . .	7	77	84
Graduate Faculties . . . . .	620	874	1,494
School of Architecture . . . . .	2	44	46
School of Journalism . . . . .	10	72	82
Barnard College . . . . .	87	657	744
Teachers College . . . . .	1,588	2,068	3,656
College of Pharmacy . . . . .		524	524
Extension Teaching. . . . .		4,968	4,968
School of Business . . . . .	7	67	74
Unclassified University Students . . . . .	3,547	157	3,704
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TOTAL . . . . .	6,144	11,419	17,563
<i>Duplicate Registrations between Schools</i> . . . . .			2,069
Totals by sessions and for the year to date. . . . .	6,144	11,419	15,494











